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Commonwealth of Pennsylvania

REPORT

OF THE

Department of Mines

OF PENNSYLVANIA



PART I--Anthracite

1921-1922

LETTER OF TRANSMITTAL

Department of Mines,

May 29, 1925

To His Excellency, Gifford Pinchot, Governor of Pennsylvania.

Sir: In compliance with the Acts of April 14, 1903 and April 18, 1919, I beg to submit herewith the reports of the Department of Mines for the years ending December 31, 1921 and 1922. Part I covers in detail the operations in the twenty-five Anthracite Districts, and Part II the operations in the thirty Bituminous Districts, as returned by the Inspectors.

Respectively submitted,

JOSEPH J. WALSH,

Secretary of Mines.

REPORT

of the

DEPARTMENT OF MINES

INTRODUCTION

The years covered by this report, 1921-1922, were marked by extreme dullness of trade in 1921 and disastrous strikes in 1922, lasting practically from April 1 to September 11. The production during the latter year was reduced to the lowest figures since 1902.

The total amount of coal produced in Pennsylvania in 1921 was 204,805,776 net tons; in 1922, 162,220,247 net tons. In the anthracite region the production in 1921 was 90,358,642 tons; in 1922, 53,910,201 tons. In the bituminous region the production in 1921 was 114,447,134 tons; in 1922, 108,310,046 tons.

The number of employes in and about the mines was 362,345 in 1921; 354,510 in 1922. In the anthracite region the number was 161,926 in 1921; 159,880 in 1922. In the bituminous region the number was 200,419 in 1921; 194,630 in 1922.

The production of coke in the bituminous region in 1921 was 4,876,289 net tons; in 1922, 7,692,899 net tons.

I. ACCIDENTS

A—Causes of Fatal Accidents, by Counties, 1921

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total
INSIDE										
Falls of coal at face, -----				1	15	3	10			29
Falls of coal at pillar work, -----	1			4	7	2	4			18
Falls of coal on gangway, -----					2	1	1			4
Falls of slate at face, -----					1		2			3
Falls of roof at face, -----	1			29	38	5	19	1		93
Falls of roof at pillar work, -----		1		20	18	2	4		2	47
Falls of roof on gangway, tunnel, -----		1		2	12	1	3			19
Falls of roof in chamber, -----				2	3					5
Falls of roof in heading, airway, crosscut, -----				1	1		1			3
Falls of roof in chute, -----	1				2					3
Falls of roof on slope, plane, -----			1		1		1			3
Cars on gangway, -----	1	1	1	8	23	2	10			46
Cars on slope, plane, -----					4		4			8
Cars at foot of shaft, slope, -----				3	6					9
Cars in chamber, -----				3	2		1			6
Explosions of gas at face, -----	1			1	12	3	4			21
Explosions of gas at pillar work, -----							4			4
Explosions of gas on gangway, -----					1		7			8
Explosions of gas in chamber, -----				2	3	3	4			12
Explosions of gas in heading, airway chute, -----			1			1	7			9
Explosions of gas in old workings, -----				2	6					8
Suffocated by gas at face, -----				1			3			4
Suffocated by gas at pillar work, -----					1					1
Suffocated by gas in chamber, heading, chute, -----			2				1			3
Explosions of powder and dynamite, -----		2		21	21	3	3			6
Blasts, premature or otherwise, -----				4	3	6	13			63
Falling down shaft, -----				1	2					3
Objects falling down shaft, -----					1					1
Struck by descending cage, -----				1			3			4
Electricity on gangway, -----							2			3
Animals, -----						1	2			3
Fall of person, -----	1				2	6	4			13
Hand tools, -----	1									1
Handling coal—infection, -----				1						1
Heavy lifting—strained, -----				1	2					3
Machinery, -----				1	1	1				2
Rush of coal or rock, -----			2		1	1	7			11
Rush of water, -----					2					2
Smothered by slush, -----						2				2
Struck by rail-unloading, -----				1	1					1
Struck by loose rock or coal, -----				1	3	1	2			7
Struck by rope, -----				1	1					2
Struck by timber (dislodged or being handled), -----					1		3			4
Total inside, -----	7	5	7	111	198	44	127	1	2	502
OUTSIDE										
Cars, -----	2			3	3		6			14
Railroad cars, -----				1	2					3
Machinery, -----	1			3	3	2	4			13
Electricity, -----				1		1	2			4
Fall of person, -----				1	2					3
Flying objects, -----	1									1
Object falling from car, -----					1					1
Chute breaking down, -----							1			1
Handling material—infection, -----				1			1			2
Overcome by heat—cleaning boiler, -----				1						1
Squeezed between loft and bale of hay, -----					1					1
Total outside, -----	4			11	12	3	14			44
Grand total, -----	11	5	7	122	210	47	141	1	2	546
Per cent, -----	2.01	.91	1.28	22.35	38.46	8.61	25.83	.18	.37	100.00

A—Causes of Fatal Accidents, by Counties, 1922

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Total
INSIDE										
Falls of coal at face, -----	1			1	5	3	4			14
Falls of coal at pillar work, -----				1	5		2			8
Falls of coal in chamber, -----					2					2
Falls of slate at face, -----				1	1	2	5			9
Falls of slate at pillar work, -----					1		2			3
Falls of slate on slope, -----							1			1
Falls of roof at face, -----				16	16	1	3			36
Falls of roof at pillar work, -----				9	13		1	1	1	25
Falls of roof on gangway, -----	1	1		3	5		2			12
Falls of roof in chamber, -----				1	2					3
Falls of roof on slope, -----				2	1					3
Falls of roof in airway, -----					1					1
Falls of roof in old workings, -----				4						4
Cars on gangway or tunnel, -----				3	14	4	9			30
Cars on slope, plane, -----				1	8	1	2		1	13
Cars at face, chamber, -----				3	3					6
Explosions of gas at face, -----					5		2			7
Explosions of gas in chamber, -----	1				2		1			4
Explosions of gas in tunnel, -----					4					4
Explosions of gas in chute, plane, old workings, -----				1	1		1			3
Suffocated by gas at face, -----					1		1			2
Explosion of dynamite in pillar work, -----						1				1
Blasts—premature or otherwise, -----				21	9	3	1	2		36
Falling down shaft, -----				1	2					3
Object falling down shaft, -----				1						1
Struck by cage, -----				1						1
Electricity on gangway, -----				1	1		1			3
Animals, -----					3					3
Fall of person, -----				1	1	2				4
Heart failure—trying to overtake mule, -----					1					1
Rush of coal, -----			1				2			3
Striking against roof or timber— riding, -----							2			2
Struck by loose material, -----				1			4			5
Struck by flying coal—drilling, -----							1			1
Struck by door of mine car, -----					1					1
Struck by prop (dislodged or being handled), -----				1	1	1				3
Struck by pulley, -----				1						1
Struck by timber that rolled off car, -----					1					1
Total inside, -----	3	1	1	75	110	18	47	3	2	260
OUTSIDE										
Cars, -----	1				4	1	7			13
Railroad cars, -----	1				2		1			4
Machinery, -----				1	2		2	1		6
Electricity, -----							1			1
Steam shovel, -----							1			1
Animals, -----				1						1
Burned by acetylene torch, -----				1						1
Burned by steam from hot ashes -----							1			1
Explosion of air receiver—testing drill, -----					1					1
Explosion of steam turbine cylinder -----							1			1
Fell off railroad car, -----					1					1
Run over by auto truck, -----					1					1
Rush of rock or culm, -----	1						1			2
Struck by loose material, -----				1		1	2			4
Struck by rope, -----					1					1
Struck by timber thrown by ex- plosion of dynamite, -----							1			1
Total outside, -----	3			4	12	2	18	1		40
Grand total, -----	6	1	1	79	122	20	65	4	2	300
Per cent., -----	2.00	.33	.33	26.33	40.67	6.67	21.67	1.33	.67	100.00

B—Accidents in Which Five or More Persons Were Killed, 1847-1922

Date	Name of colliery	Location of colliery	Cause of accident	Killed
1847 Feb. -----	Spencer, -----	Pottsville, -----	Explosion of gas, -----	7
1849 Sept. 6, -----	Avondale, -----	Plymouth, -----	Mine fire, -----	179
1870 March 22, -----	Potts, -----	Locust Dale, -----	Boiler explosion, -----	5
Aug. 10, -----	Helms and Glassmire, -----	Middleport, -----	Car falling down shaft, -----	3
Aug. 29, -----	Preston No. 3, -----	Girardville, -----	Car falling down slope, -----	7
1871 May 27, -----	West Pittston, -----	West Pittston, -----	Suffocation by smoke from burning breaker, -----	20
Oct. 2, -----	Otto Red Ash, -----	Branch Dale, -----	Explosion of gas, -----	5
1873 June 10, -----	Henry Clay, -----	Shamokin, -----	Explosion of gas, -----	10
1877 Jan. 9, -----	Wadesville, -----	Wadesville, -----	Explosion of gas, -----	7
1878 Jan. 15, -----	Potts, -----	Locust Dale, -----	Explosion of gas, -----	5
1879 May 6, -----	Audenried, -----	Mill Creek, -----	Explosion of gas, -----	6
1880 May 3, -----	Lykens Valley, -----	Shamokin, -----	Explosion of gas, -----	9
1882 May 24, -----	Kohinoor, -----	Shenandoah, -----	Explosion of gas, -----	5
1884 Aug. 21, -----	Buck Ridge, -----	Shamokin, -----	Explosion of gas, -----	5
1885 April 6, -----	Cuyler, -----	Raven Run, -----	Mine fire, -----	7
Aug. 11, -----	West End, -----	Mocanaqua, -----	Fall of roof, -----	10
Oct. 21, -----	Plymouth No. 2, -----	Plymouth, -----	Suffocation by gas from boiler fire, -----	10
Dec. 18, -----	Nanticoke No. 1, -----	Nanticoke, -----	Explosion of gas, -----	6
1886 Aug. 30, -----	Fair Lawn, -----	Nanticoke, -----	Inrush of quicksand, -----	26
Sept. 13, -----	Marvine, -----	Seranton, -----	Explosion of gas, -----	6
Nov. 26, -----	Conyngham, -----	Wilkes-Barre, -----	Suffocation by gas, -----	8
1887 April 27, -----	Tunnel, -----	Wilkes-Barre, -----	Explosion of gas, -----	12
Oct. 1, -----	Bast, -----	Ashland, -----	Suffocation by gas, -----	5
May 9, -----	Kaska William, -----	Big Mine Run, -----	Explosion of gas, -----	5
1889 Feb. 1, -----	Nottingham, -----	Middleport, -----	Car falling on cage in shaft, -----	10
1890 March 3, -----	South Wilkes-Barre No. 3, -----	Plymouth, -----	Explosion of gas, -----	8
April 2, -----	Susquehanna No. 4, -----	Wilkes-Barre, -----	Explosion of gas, -----	8
May 15, -----	Jersey No. 8, -----	Nanticoke, -----	Explosion of gas, -----	5
1891 Feb. 4, -----	Spring Mountain No. 1, -----	Ashley, -----	Explosion of gas, -----	26
Oct. 23, -----	Richardson, -----	Jeanesville, -----	Drowned by water from old workings, -----	13
Nov. 8, -----	Susquehanna No. 1, -----	Glen Carbon, -----	Suffocation by gas, -----	7
1892 July 23, -----	Lytle, -----	Nanticoke, -----	Explosion of gas, -----	12
1893 April 1, -----	York Farm, -----	Minersville, -----	Drowned by water from old workings, -----	10
June 22, -----	Nelson, -----	Pottsville, -----	Explosion of gas, -----	15
Sept. 21, -----	Susquehanna No. 1, -----	Shamokin, -----	Mine fire, -----	10
Feb. 13, -----	Lance No. 11, -----	Nanticoke, -----	Explosion of gas, -----	6
July 17, -----	Gaylord, -----	Plymouth, -----	Explosion of gas, -----	13
Oct. 8, -----	East Sugar Loaf, -----	Plymouth, -----	Fall of roof, -----	8
Oct. 11, -----	Luke Fidler, -----	Stockton, -----	Explosion of powder and dynamite, -----	5
1895 Oct. 11, -----	Henry Clay, -----	Shamokin, -----	Mine fire, -----	5
Oct. 7, -----	West Bear Ridge, -----	Shamokin, -----	Boiler explosion, -----	6
1896 Oct. 2, -----	Dorrance, -----	Mahanoy Plane, -----	Explosion of gas, -----	7
Oct. 28, -----	Twin, -----	Wilkes-Barre, -----	Fall of roof, -----	58
Oct. 29, -----	South Wilkes-Barre No. 3, -----	Wilkes-Barre, -----	Explosion of gas, -----	6

1897	Jan. 13.	Wadesville,	Crosshead falling down shaft,	5
	Sept. 28,	Jernyn No. 1,	Mine fire,	5
	Oct. 30,	Scranton,	Mine fire,	6
1898	May 26,	Kaska William,	Drowned by water from old workings,	6
	Oct. 1,	Middleport,	Mine fire,	6
	Nov. 5,	Wilkes-Barre,	Car falling on cage in shaft,	9
1900	Nov. 9,	West Pittston,	Explosion of gas,	7
	Oct. 25,	Mahanoy City,	Explosion of gas,	6
1902	Nov. 29,	Plymouth,	Explosion of gas,	7
	Dec. 9,	Shamokin,	Explosion of powder and dynamite,	5
1904	Jan. 30,	Wilkes-Barre,	Explosion of powder and dynamite,	5
	May 5,	Luke Fidler,	Explosion of powder and dynamite,	5
	May 5,	Maple Hill,	Explosion of powder and dynamite,	5
	May 25,	Lance,	Mine fire,	5
	Nov. 2,	Locust Gap,	Suffocation by gas from mine locomotive,	10
1905	Feb. 18,	Williamstown,	Falling down shaft,	10
	March 9,	Nanticoke,	Fall of roof,	5
	April 26,	Minersville,	Falling down shaft,	7
1906	May 15,	Wilkes-Barre,	Explosion of powder and dynamite,	10
	Aug. 6,	Shenandoah,	Explosion of gas,	6
1907	June 2,	Nanticoke,	Explosion of gas,	7
	June 18,	Taylor,	Explosion of gas,	7
1908	May 12,	Prieberg,	Explosion of gas,	12
	May 12,	Wyoming,	Explosion of gas,	5
	July 13,	Midvale,	Fall of roof,	6
1909	Aug. 28,	Williamstown,	Explosion of powder and dynamite,	6
	Nov. 9,	Wilkes-Barre,	Mine cars,	8
1910	Jan. 11,	Pittston,	Explosion of gas,	8
	March 12,	Nanticoke,	Mine fire,	7
1911	April 7,	Plymouth,	Explosion of gas,	7
	May 27,	South Wilkes-Barre No. 5,	Explosion of gas,	72
	Sept. 12,	Nottingham,	Mine fire,	5
	Oct. 3,	Pancoast,	Explosion of gas,	5
1912	Jan. 9,	Throop,	Mine cars,	6
1913	Aug. 2,	Shamokin,	Cave-in,	20
1914	May 29,	Scranton,	Explosion of gas,	6
	Sept. 16,	Freeland,	Explosion of gas,	6
1915	Dec. 9,	Plymouth,	Explosion of gas,	7
1916	Feb. 17,	Tower City,	Overwinding of cage,	13
	Feb. 8,	Maryd,	Explosion of gas,	13
	March 9,	Lansford,	Falling down shaft,	7
1919	Aug. 8,	Scranton,	Explosion of gas,	6
	June 5,	Wilkes-Barre,	Explosion of gas,	52
1921	July 8,	Plymouth,	Explosion of powder and dynamite,	8
1922	Nov. 3,	Edwardsville,	Explosion of gas,	6
		Wilkes-Barre,	Explosion of gas,	5
		Lansford,	Explosion of gas,	6
		Seek,	Premature explosion of blast,	6
		Scranton,		

Note.—January 12, 1896—At 8 A. M. there was a subsidence of several acres of the surface at drifts Nos. 1 and 2 of the Delaware and Hudson mines at Carbondale, Luzerne (now Lackawanna) County. About 30 miners were at work in the vicinity of the cave-in, 14 of whom were killed. Only 6 bodies were recovered. Accounts of this disaster were published in the Miners' Weekly Journal. Pottsville, January 17 and 24, 1896.

August 14, 1871—At 9 A. M. an explosion of gas occurred at the Eagle Shaft mine near Pittston, in which 17 men were killed. The Public Ledger, Philadelphia, in its issue of August 16, 1871, gives a brief account of this disaster.

C—Occupations of Persons Fatally Injured, by Counties, 1921

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total	Per cent
INSIDE											
Mine foremen, -----				1	2					3	.60
Assistant mine foremen, -----				2	5					5	1.00
Fire bosses, -----				2	2	1				5	1.00
Miners, -----	6	3	5	57	105	30	91	1	2	300	59.76
Miners' laborers, -----				28	40	6	12			86	17.13
Machine runners and scrapers, -----				1						1	.20
Motormen, -----				1	1		1			3	.60
Motormen's assistants, -----				1	3					4	.80
Drivers and runners, -----		1		2	13	1	6			23	4.58
Trackmen, -----				1			1			2	.40
Bratticemen, -----							1			1	.20
Timbermen and rockmen, -----			1	3	1	1				6	1.19
Electricians, -----							1			1	.20
Doorboys, -----				1	4					5	.99
All other employes, -----	1	1	1	13	22	5	14			57	11.35
Total inside, -----	7	5	7	111	198	44	127	1	2	502	-----
Per cent, -----	1.39	1.00	1.39	22.11	39.44	8.77	25.30	.20	.40	-----	100.00
OUTSIDE											
Foremen, -----					1					1	2.27
Carpenters, -----				1	1		1			3	6.82
Engineers and firemen, -----					2		1			3	6.82
Slatepickers (boys), -----							1			1	2.27
All other employes, -----	4			10	8	3	11			36	81.82
Total outside, -----	4			11	12	3	14			44	-----
Per cent, -----	9.09			25.00	27.27	6.82	31.82			-----	100.00
Grand total, -----	11	5	7	122	210	47	141	1	2	546	-----

C—Occupations of Persons Fatally Injured, by Counties, 1922

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Total	Per cent
INSIDE											
Mine foremen, -----				1	2					3	1.15
Assistant mine foremen, -----				1	5		1			7	2.65
Fire bosses, -----					2		1			3	1.15
Miners, -----	2		1	33	48	12	27	2	2	127	48.85
Miners' laborers, -----	1			19	21		7	1		49	18.85
Motormen, -----		1		2	2			1		5	1.92
Motormen's assistants, -----				1	1					2	.77
Drivers and runners, -----					5	3	3			11	4.23
Trackmen, -----					3					3	1.16
Timbermen and rockmen, -----				6	1					7	2.69
Electricians, -----				1						1	.39
Doorboys, -----					2	1	2			5	1.92
All other employes, -----				11	18	2	6			37	14.23
Total inside, -----	3	1	1	75	110	18	47	3	2	260	-----
Per cent, -----	1.15	.38	.39	28.85	42.31	6.92	18.08	1.15	.77	-----	100.00
OUTSIDE											
Foremen, -----							1			1	2.50
Carpenters, -----	1									1	2.50
Engineers and firemen, -----							1			1	2.50
Machinists, -----					1		1			2	5.00
Slatepickers (boys), -----				1						1	2.50
All other employes, -----	2			3	11	2	15	1		34	85.00
Total outside, -----	3			4	12	2	18	1		40	-----
Per cent, -----	7.50			10.00	30.00	5.00	45.00	2.50		-----	100.00
Grand total, -----	6	1	1	79	122	20	65	4	2	300	-----

D—Nationality of Persons Fatally Injured, by Counties, 1921

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per cent
INSIDE												
American, -----	1	3	6	25	49	21	41	-----	-----	-----	146	29.08
Austrian, -----	2	-----	-----	6	7	1	13	-----	-----	2	31	6.18
English, -----	-----	-----	-----	2	4	-----	-----	-----	-----	-----	6	1.19
Finnish, -----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.20
German, -----	-----	-----	-----	2	1	-----	-----	-----	-----	-----	3	.60
Greek, -----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.20
Irish, -----	-----	-----	-----	6	7	-----	-----	-----	-----	-----	13	2.59
Italian, -----	1	-----	-----	15	16	-----	10	-----	-----	-----	42	8.36
Lithuanian, -----	-----	-----	-----	9	23	3	29	-----	-----	-----	64	12.75
Magyar, -----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.20
Mexican, -----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	.20
Polish, -----	-----	2	-----	33	56	14	17	-----	1	-----	123	24.50
Russian, -----	1	-----	-----	2	15	2	5	-----	-----	-----	25	4.98
Scotch, -----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	1	.20
Slavonian, -----	2	-----	-----	6	8	2	9	-----	-----	-----	27	5.38
Spanish, -----	-----	-----	-----	2	1	-----	-----	-----	-----	-----	3	.60
Swedish, -----	-----	-----	-----	-----	2	-----	1	-----	-----	-----	3	.60
Syrian, -----	-----	-----	-----	-----	-----	-----	2	-----	-----	-----	2	.40
Ukrainian, -----	-----	-----	-----	1	-----	-----	-----	-----	-----	-----	1	.20
Welsh, -----	-----	-----	1	1	5	1	-----	-----	-----	-----	8	1.59
Total inside, -----	7	5	7	111	198	44	127	-----	1	2	502	-----
Per cent, -----	1.39	1.00	1.39	22.11	39.44	8.77	25.30	-----	.20	.40	-----	100.00
OUTSIDE												
American, -----	4	-----	-----	7	5	2	11	-----	-----	-----	29	65.91
Austrian, -----	-----	-----	-----	-----	1	-----	1	-----	-----	-----	2	4.55
English, -----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	2.27
German, -----	-----	-----	-----	-----	1	-----	-----	-----	-----	-----	1	2.27
Italian, -----	-----	-----	-----	2	1	-----	-----	-----	-----	-----	3	6.82
Polish, -----	-----	-----	-----	1	2	1	1	-----	-----	-----	5	11.36
Slavonian, -----	-----	-----	-----	1	1	-----	-----	-----	-----	-----	2	4.55
Syrian, -----	-----	-----	-----	-----	-----	-----	1	-----	-----	-----	1	2.27
Total outside, -----	4	-----	-----	11	12	3	14	-----	-----	-----	44	-----
Per cent, -----	9.09	-----	-----	25.00	27.27	6.82	31.82	-----	-----	-----	-----	100.00
Grand total, -----	11	5	7	122	210	47	141	-----	1	2	546	-----

D—Nationality of Persons Fatally Injured, by Counties, 1922

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per cent
INSIDE												
American, -----	1	1	1	13	34	10	16				76	29.23
Austrian, -----	1			5	5		3		1		15	5.77
English, -----				2	1				1		4	1.54
Greek, -----							2				2	.77
Irish, -----				8	3						11	4.23
Italian, -----	1			8	8	1	5				23	8.85
Lithuanian, -----				8	8	2	9				27	10.38
Magyar, -----				1		1					2	.77
Norwegian, -----					1						1	.38
Polish, -----				17	27	4	4	1			53	20.38
Russian, -----				4	12		3	2			21	8.08
Scotch, -----				1							1	.38
Slavonian, -----				2	4		4				10	3.85
Spanish, -----					1						1	.38
Swedish, -----					1						1	.39
Welsh, -----				6	5		1				12	4.62
Total inside, ---	3	1	1	75	110	18	47	3	2		260	-----
Per cent, -----	1.15	.38	.39	28.85	42.31	6.92	18.08	1.15	.77		-----	100.00
OUTSIDE												
American, -----	1			3	9	1	9	1			24	60.00
Austrian, -----					1		2				3	7.50
Greek, -----							1				1	2.50
Hungarian, -----	1										1	2.50
Irish, -----				1							1	2.50
Italian, -----							2				2	5.00
Lithuanian, -----							1				1	2.50
Polish, -----					1	1					2	5.00
Russian, -----					1		1				2	5.00
Slavonian, -----	1						1				2	5.00
Welsh, -----							1				1	2.50
Total outside, ---	3			4	12	2	18	1			40	-----
Per cent, -----	7.50			10.00	30.00	5.00	45.00	2.50			-----	100.00
Grand total, ---	6	1	1	79	122	20	65	4	2		300	-----

E.—Nationality of Employees and Number Killed, 1921-1922

Nationality	1921						1922					
	Employees			Fatalities			Employees			Fatalities		
	Inside	Outside	Total	Falls	Total inside	Total outside	Inside	Outside	Total	Falls	Total inside	Total outside and outside
American	41,189	29,436	70,625	49	146	29	43,630	29,585	73,215	23	76	24
Arabian	---	---	---	---	---	---	---	---	---	---	---	---
Armenian	6,673	2,549	9,222	10	31	2	6,205	2,121	8,326	4	15	3
Austrian	3	1	4	---	---	---	---	---	---	---	---	---
Belgian	51	21	72	---	---	---	71	17	88	---	---	---
Bohemian	---	---	---	---	---	---	---	---	---	---	---	---
Bulgarian	11	6	17	---	---	---	42	8	50	---	---	---
Canadian	39	---	39	---	---	---	17	1	18	---	---	---
Croatian	---	---	---	---	---	---	20	1	21	---	---	---
Czecho-Slovakian	27	2	29	---	---	---	11	4	15	---	---	---
Danish	6	---	6	---	---	---	5	---	5	---	---	---
Dutch	2,141	611	2,752	1	6	1	1,817	589	2,406	3	4	4
English	41	---	41	1	1	1	9	---	9	---	---	---
French	36	11	47	---	---	---	23	11	34	---	---	---
German	873	454	1,327	3	3	1	991	454	1,445	---	---	---
Grikish	3	---	3	---	---	---	---	---	---	---	---	---
Greek	490	303	793	1	1	1	614	279	893	1	2	1
Horwat	113	31	144	---	---	---	143	26	169	---	---	---
Hungarian	1,486	468	1,954	---	---	---	1,278	552	1,830	---	---	---
Irish	2,306	792	3,098	5	13	13	2,172	861	3,033	3	11	1
Italian	9,161	2,932	12,093	20	42	3	9,081	2,880	11,961	15	23	2
Jewish	---	---	---	---	---	---	---	---	---	---	---	---
Lithuanian	11,401	698	12,099	36	64	64	11,279	766	12,045	12	27	1
Magyar	33	---	33	---	---	---	35	---	35	---	---	---
Mexican	38	---	38	1	1	1	99	---	99	---	---	---
Montenegrin	7	2	7	---	---	---	2	1	3	---	---	---
Norwegian	---	---	---	---	---	---	---	---	---	---	---	---
Polish	22,714	2,212	24,926	68	123	5	21,570	2,392	23,962	33	53	2
Portuguese	7,82	2	84	---	---	---	208	2	210	---	---	---
Russian	7,035	1,230	8,265	13	25	25	6,116	1,243	7,359	15	21	2
Rumanian	2	---	2	---	---	---	---	---	---	---	---	---
Scotch	310	116	426	1	1	1	359	130	489	1	1	1

Servian	23	2,000	9,270	10	27	2	19	17	2,021	17	5	10	2	12
Slavonian	7,270	13	267	1	3		3	6,277	11	8,298		1		1
Spanish	254	17	472		3		3	242	22	253		1		1
Swedish	455	14	21					91	32	113		1		1
Swiss	7	21	50	1	2	1	3	32	30	64				7
Syrian	21	29	50	1	2	1	3	18	30	48				
Turkish														
Tyrolean	506	59	505					418	90	438				
Ukrainian	156	21	147	1	1		1	172	27	199				
Welsh	2,383	471	2,854	4	8		8	2,214	530	2,744	6	12	1	13
Total	117,395	44,531	161,926	227	502	44	546	115,288	44,562	159,889	121	260	40	300

G—Total Production, Production from Washeries, Employees, Fatalities, 1870-1922

Years	Employees	Fatalities	Total production (net tons)	Production from washeries (net tons)	Production per fatality	Fatalities per 1,000,000 tons produced
1870, -----	35,600	211	14,172,004	-----	67,166	14.89
1871, -----	37,488	210	15,532,252	-----	73,963	13.52
1872, -----	44,745	223	15,567,973	-----	69,811	14.32
1873, -----	48,199	264	21,001,521	-----	79,551	12.57
1874, -----	53,402	231	19,930,240	-----	86,278	11.59
1875, -----	69,906	238	23,402,646	-----	98,330	10.17
1876, -----	70,474	228	23,440,666	-----	102,810	9.73
1877, -----	66,842	194	24,727,213	-----	127,400	7.85
1878, -----	63,964	187	20,900,906	-----	111,770	8.95
1879, -----	68,847	262	31,036,600	-----	118,460	8.44
1880, -----	73,373	202	27,974,532	-----	138,488	7.22
1881, -----	76,031	273	34,202,558	-----	125,284	7.98
1882, -----	82,200	295	35,057,430	-----	118,839	8.41
1883, -----	91,421	323	37,747,369	-----	116,865	8.56
1884, -----	101,073	332	36,468,738	-----	109,846	9.10
1885, -----	100,320	332	38,232,155	-----	115,157	8.68
1886, -----	103,044	279	33,950,932	-----	139,609	7.16
1887, -----	106,517	316	42,156,300	-----	133,406	7.50
1888, -----	122,218	364	46,635,037	-----	128,118	7.81
1889, -----	119,646	397	43,650,768	-----	109,952	9.09
1890, -----	119,919	378	44,986,286	-----	119,011	8.40
1891, -----	123,308	428	49,701,322	-----	116,125	8.61
1892, -----	130,300	418	51,226,978	-----	122,553	8.16
1893, -----	138,069	456	52,841,110	-----	115,880	8.63
1894, -----	139,939	446	50,906,920	386,960 ¹	114,276	8.75
1895, -----	143,705	421	56,948,756	686,534	135,270	7.39
1896, -----	150,088	502	53,843,250	527,809	107,257	9.32
1897, -----	149,557	423	52,581,036	732,743	124,305	8.04
1898, -----	142,420	411	52,812,675	697,759	128,408	7.78
1899, -----	140,604	461	60,518,331	1,055,425	131,276	7.62
1900, -----	143,824	411	57,363,396	1,818,170	139,570	7.16
1901, -----	147,651	513	67,094,665	2,009,864	130,789	7.65
1902, -----	148,139	300	41,340,935	2,965,792	137,803	7.26
1903, -----	151,827	518	75,232,585	4,119,258	145,237	6.89
1904, -----	161,330	595	73,594,369	3,440,420	123,688	8.68
1905, -----	168,254	644	78,647,020	3,897,088	122,123	8.19
1906, -----	166,175	557	72,139,510	4,880,402	129,514	7.72
1907, -----	168,774	708	86,056,412	5,630,169	121,549	8.23
1908, -----	174,503	678	83,543,243	4,635,923	123,220	8.12
1909, -----	171,195	567	80,223,833	5,206,562	141,488	7.07
1910, -----	168,175	601	83,683,994	5,412,167	139,241	7.18
1911, -----	173,338	699	90,917,176	4,555,437	130,067	7.69
1912, -----	175,098	601	84,426,869	4,317,161	140,477	7.12
1913, -----	175,310	624	91,626,964	2,934,157	146,833	6.81
1914, -----	180,899	600	91,189,641	2,702,537	151,983	6.58
1915, -----	177,339	588	89,377,706	3,418,427	152,003	6.58
1916, -----	159,169	565	87,680,198	4,432,006	155,186	6.44
1917, -----	156,148	581	100,445,299	6,408,277	172,883	5.78
1918, -----	148,226	556	99,445,794	7,246,454	178,859	5.59
1919, -----	153,790	636	87,838,024	3,616,675	138,110	7.24
1920, -----	149,117	490	89,636,036	5,435,097	182,931	5.47
1921, -----	161,926	546	90,358,642	1,842,006	165,492	6.64
1922, -----	159,880	300	53,910,201	2,525,402	179,791	5.56
Total, -----	6,653,356	22,583	2,972,987,076	97,538,591	131,647	7.60

¹No accurate record previous to 1894

II Production A—Tonnage (Net) 1921-1922

1921

	Carlton	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per Cent
Nature of use												
Shipped to market, ---	2,506,013	1,198,114	638,959	17,550,275	31,648,639	5,911,095	17,578,533	323,232	572,874	36,000	77,984,929	86.31
Consumed at collieries, ---	238,754	180,671	214,700	1,632,211	3,033,711	906,486	2,804,242	58,240	46,267	2,611	9,807,963	10.83
Sold locally, -----	57,918	23,790	37,887	512,829	1,400,862	176,162	332,227	8,297	13,421	327	2,165,720	2.84
Total production, --	2,802,685	1,402,575	911,546	19,095,315	36,083,202	7,084,343	20,715,007	389,769	634,662	39,538	90,358,642	100.00
Per cent, -----	3.10	1.55	1.01	21.80	40.60	7.84	22.93	.43	.70	.04		
Average days worked, ---	257	281	262	266	270	275	280	217	298	292	#271	

1922

	Carlton	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per Cent
Nature of use												
Shipped to market, ---	1,743,038	746,787	455,033	9,962,906	17,615,932	3,562,442	10,871,807	182,239	321,618	21,422	45,514,224	84.43
Consumed at collieries, ---	197,634	127,875	173,938	881,162	2,118,118	762,694	1,879,908	34,720	34,908	802	6,212,209	11.52
Sold locally, -----	57,141	23,801	27,432	437,936	1,131,330	165,338	319,473	7,364	13,596	318	2,183,768	4.05
Total production, --	1,997,813	898,463	656,403	11,283,004	20,865,400	4,490,794	13,071,248	224,323	370,121	22,632	53,910,201	100.00
Per cent, -----	3.70	1.67	1.27	20.93	38.70	8.33	24.25	.42	.69	.04		
Average days worked, ---	154	138	149	131	145	155	156	113	100	143	#143	

Not including washeries.

B—Employees Classified by Occupation, 1921

Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	
INSIDE														
Mine foremen, -----	21	16	13	11	11	25	17	24	18	21	16	18	21	
Assistant mine foremen, -----	46	63	47	15	33	64	56	67	75	83	61	47	62	
Fire bosses, -----	8	3	35	30	18	25	14	44	18	28	63	74	52	
Miners, -----	1,637	1,728	1,574	864	1,305	2,025	1,646	2,531	1,786	1,980	1,884	2,142	2,408	
Miners' laborers, -----	848	1,507	1,581	887	1,202	1,664	1,522	2,149	1,582	1,068	1,286	1,527	1,469	
Machine miners, -----	49	19	11	82	16	1	5	5	2					
Machine runners and scrapers, -----	27	5	11	29	46	14			2					
Drivers and runners, -----	267	435	525	388	175	300	211	494	500	508	560	586	327	
Motormen and assistants, -----	164	290	228	128	217	307	202	364	117	156	130	158	239	
Doorboys and helpers, -----	52	124	64	67	28	72	30	103	69	71	130	166	139	
Trackmen and brattkleemen, -----	129	144	119	76	120	136	126	226	159	179	184	210	219	
Timbermen and rockmen, -----	21	51	94	80	49	86	97	83	111	202	161	136	170	
Pumpmen and pipemen, -----	66	42	62	54	42	59	53	62	121	77	62	44	85	
Electricians and helpers, -----	22	14	26	25	27	43	31	41	14	19	13	21	31	
All other employees, -----	468	502	635	508	534	596	497	935	359	517	777	756	851	
Total inside, -----	3,825	4,943	5,025	3,223	3,823	5,418	4,502	7,128	3,923	4,989	5,887	5,885	6,123	
OUTSIDE														
Superintendents, -----	12	9	5	10	7	11	6	8	9	8	2	7	7	
Foremen, -----	18	18	11	10	14	16	9	12	18	18	12	12	13	
Blacksmiths and carpenters, -----	106	92	112	90	158	224	136	255	175	122	79	120	142	
Engineers and firemen, -----	178	210	169	113	99	207	110	224	225	219	277	269	207	
Machinists and helpers, -----	37	50	33	9	20	69	29	34	34	31	20	28	28	
Trackmen and helpers, -----	22	22	6	3	6	21	23	26	16	21	12	8	26	
Slatepickers (boys), -----	151	58	47	107	167	217	184	211	133	114	116	82	168	
Slatepickers (men), -----	87	88	100	67	84	90	40	89	60	40	59	37	37	
Office employees, -----	37	27	36	23	20	31	28	28	35	35	34	24	34	
All other employees, -----	858	954	712	444	540	1,020	673	1,247	815	686	1,025	1,034	936	
Total outside, -----	1,506	1,528	1,231	876	1,005	1,906	1,228	2,184	1,525	1,244	1,635	1,621	1,598	
Grand total, -----	5,331	6,471	6,256	4,099	4,838	7,324	5,730	9,312	5,448	6,233	7,522	7,506	7,721	

B—Employees Classified by Occupation, 1921—Continued

	Districts											Total
	14	15	16	17	18	19	20	21	22	23	24	25
INSIDE												
Mine foremen, -----	21	34	23	11	23	14	12	19	25	14	13	11
Assistant mine foremen, -----	42	64	40	18	56	55	124	103	116	88	78	83
Fire bosses, -----	75	12	9	68	29	30	-----	10	10	43	32	21
Miners, -----	2,821	2,334	1,635	1,660	2,332	1,210	1,429	1,926	2,045	2,830	1,818	1,251
Miners' laborers, -----	1,604	954	822	11	517	497	714	749	694	857	430	356
Machine miners, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Machine runners and scrapers, -----	362	287	236	92	235	211	227	166	277	271	206	211
Drivers and runners, -----	273	115	80	184	103	47	21	96	90	65	32	36
Motorboys and assistants, -----	96	44	53	39	21	11	37	33	62	36	37	37
Doorboys and helpers, -----	213	180	163	128	143	117	236	168	261	131	164	297
Trackmen and bratticemen, -----	270	411	269	590	302	230	256	370	377	138	248	338
Timbermen and rockmen, -----	65	93	84	13	47	63	48	53	98	76	70	67
Pumpmen and pipemen, -----	25	15	10	50	9	11	4	10	15	8	2	2
Electricians and helpers, -----	641	352	185	1,875	963	872	1,034	859	1,115	779	735	1,043
All other employees, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total inside, -----	6,067	4,895	3,549	4,739	4,780	3,388	4,142	4,562	5,185	4,285	3,855	3,753
OUTSIDE												
Superintendents, -----	7	7	10	8	9	11	-----	5	7	5	3	2
Foremen, -----	14	25	29	17	25	19	10	28	19	12	12	11
Blacksmiths and carpenters, -----	187	197	195	163	152	110	100	204	163	138	98	111
Engineers and firemen, -----	238	313	272	288	307	295	283	318	403	235	274	299
Machinists and helpers, -----	83	53	55	196	51	24	16	49	34	42	23	35
Trackmen and helpers, -----	50	71	64	101	36	21	11	59	33	23	25	34
Slatepickers (boys), -----	162	98	144	67	149	144	85	204	138	100	99	97
Slatepickers (men), -----	46	90	45	12	76	70	121	91	185	67	74	33
Office employees, -----	64	52	72	45	46	54	46	71	62	46	47	40
All other employees, -----	1,163	1,547	1,506	846	1,612	1,110	1,170	1,536	1,724	989	1,053	1,217
Total outside, -----	2,014	2,433	2,394	1,763	2,463	1,858	1,842	2,565	2,768	1,747	1,708	1,869
Grand total, -----	8,081	7,348	5,943	6,502	7,243	5,246	5,984	7,127	7,953	6,032	5,563	5,622

B—Employees Classified by Occupation, 1922

	Districts												
	1	2	3	4	5	6	7	8	9	10	11	12	13
INSIDE													
Mine foremen, -----	24	15	14	11	14	23	18	23	19	21	16	19	18
Assistant mine foremen, -----	47	72	67	24	37	66	63	63	71	100	68	59	58
Fire bosses, -----	8	3	34	21	18	27	2	47	19	24	64	72	51
Miners, -----	1,730	1,780	1,630	966	1,140	1,948	1,586	2,544	1,746	1,974	1,832	2,117	2,321
Miners' laborers, -----	883	1,563	1,496	918	1,061	1,873	1,498	2,081	594	1,152	1,013	1,317	1,219
Machine miners, -----	63	65	13	56	16	2	-----	6	4	2	-----	-----	-----
Machine runners and scrapers, -----	64	29	14	40	14	16	-----	-----	-----	-----	-----	-----	-----
Drivers and runners, -----	246	439	485	300	185	268	223	532	497	561	503	589	334
Motormen and assistants, -----	170	323	245	128	183	327	211	379	112	168	153	176	256
Doorboys and helpers, -----	58	104	57	53	24	52	29	101	60	70	202	164	139
Trackmen and bratticemen, -----	142	155	128	89	104	128	123	248	150	173	167	207	205
Timbermen and rockmen, -----	46	43	91	88	67	67	91	135	94	208	187	127	118
Pumpmen and pipemen, -----	54	49	70	56	45	52	46	63	119	77	60	42	96
Electricians and helpers, -----	18	11	30	24	22	38	34	60	11	20	16	21	34
All other employees, -----	326	494	569	465	312	587	453	991	369	533	845	767	966
Total inside, -----	3,379	5,145	5,113	3,239	3,232	5,174	4,387	7,273	3,899	5,083	5,126	5,677	5,895
OUTSIDE													
Superintendents, -----	17	12	6	8	9	11	10	6	8	7	2	7	6
Foremen, -----	23	24	14	10	16	17	13	10	17	19	13	16	13
Blacksmiths and carpenters, -----	104	169	114	88	101	116	119	292	155	116	79	142	187
Engineers and firemen, -----	167	171	161	105	101	205	107	226	221	177	258	215	240
Machinists and helpers, -----	35	50	33	8	25	65	35	86	83	23	19	34	45
Trackmen and helpers, -----	30	24	7	1	7	27	23	26	19	20	11	7	24
Slatepickers (boys), -----	132	67	44	104	106	148	210	210	131	102	98	81	192
Slatepickers (men), -----	71	91	114	71	37	83	55	36	89	59	58	38	46
Office employees, -----	46	36	36	20	18	32	31	98	40	35	33	24	33
All other employees, -----	855	1,034	766	439	630	1,116	693	1,286	779	751	989	1,024	746
Total outside, -----	1,480	1,698	1,295	854	1,070	1,820	1,276	2,136	1,442	1,233	1,561	1,588	1,532
Grand total, -----	5,359	6,783	6,408	4,093	4,302	6,994	5,663	9,409	5,311	6,376	6,687	7,265	7,427

Districts													
14	15	16	17	18	19	20	21	22	23	24	25	Total	
INSIDE													
Mine foremen, -----	19	36	23	10	22	15	13	17	21	17	15	12	455
Assistant mine foremen, -----	45	70	41	18	56	54	129	94	81	61	84	83	1,016
Fire bosses, -----	75	14	7	71	30	35	-----	16	15	40	31	21	745
Miners, -----	2,209	2,322	1,626	1,524	2,189	1,538	1,784	1,834	1,893	2,316	2,044	1,321	45,464
Miners' laborers, -----	1,563	951	814	26	506	431	539	472	594	406	464	383	23,761
Machine miners, -----	3	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	227
Machine runners and scrapers, -----	333	317	252	83	264	206	217	155	213	340	244	248	184
Drivers and runners, -----	276	112	79	188	94	53	15	98	100	73	49	40	8,014
Motor men and assistants, -----	82	36	49	21	24	8	40	30	57	39	42	32	4,908
Doorbays and helpers, -----	207	186	163	166	147	121	237	156	222	150	174	321	1,566
Trackmen and bratticemen, -----	291	410	191	736	319	169	234	397	426	288	301	325	4,269
Timbermen and rockmen, -----	58	82	70	13	45	60	56	52	80	73	87	79	5,469
Pumpmen and pipemen, -----	26	19	7	56	11	11	4	22	16	6	6	3	1,584
Electricians and helpers, -----	716	403	226	1,494	969	838	1,025	892	614	899	779	893	526
All other employees, -----	5,903	4,958	3,548	4,429	4,010	3,269	4,293	4,235	4,242	4,668	4,320	3,721	17,370
Total inside, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	115,288
OUTSIDE													
Superintendents, -----	8	7	11	9	9	11	-----	5	7	4	6	2	188
Foremen, -----	15	25	37	30	27	19	11	17	20	18	18	11	433
Blacksmiths and carpenters, -----	132	176	182	198	164	169	163	206	156	138	115	119	3,514
Engineers and firemen, -----	235	310	233	214	348	285	293	278	297	298	291	252	5,624
Machinists and helpers, -----	82	50	53	165	56	27	14	36	35	37	23	29	1,098
Trackmen and helpers, -----	40	53	69	77	39	24	5	46	27	35	29	57	727
Slatepickers (boys), -----	169	86	145	66	188	146	80	221	135	185	154	48	3,248
Slatepickers (men), -----	57	79	45	12	72	66	117	106	132	76	80	24	1,619
Office employees, -----	61	47	71	42	49	63	37	72	51	56	57	40	1,058
All other employees, -----	1,155	1,409	1,590	1,064	1,496	1,341	1,228	1,730	1,444	1,143	1,121	1,161	27,063
Total outside, -----	2,014	2,242	2,436	1,877	2,408	2,101	1,888	2,717	2,324	1,900	1,897	1,743	44,592
Grand total, -----	7,917	7,200	5,984	6,306	7,018	5,370	6,181	6,952	6,566	6,628	6,217	5,464	159,880

C—Power and Haulage Equipment, 1921

Districts	Power plant				Engines				Pumps			Haulage			Air com- pressors				
	Boilers		Tubular		Steam engines (all classes)		Internal combustion engines (gas)		Electric dynamos (all classes)		Pumps delivering water to surface			Locomotives					
	Cylindrical	Total power	Number	Total horse power	Number	Total power	Number	Total horse power	Number	Total watts kilo.	Total capacity—gallons per minute	Total number	Gallons per minute	Horses and mules		Gasoline	Steam	Air	Electric
1.	6	120	111	13,778	162	18,177	---	---	36	5,046	62,016	43	24,503	300	---	19	---	80	10,790
2.	---	---	65	14,088	161	15,477	---	---	31	11,077	104,025	58	28,920	491	---	27	---	112	10,548
3.	15	2,955	50	12,290	154	21,529	---	---	14	2,500	97	60,954	28	22,100	426	6	---	108	12,911
4.	13	215	45	8,190	105	9,491	---	---	19	2,980	88	45,082	22	15,875	374	1	---	49	4,538
5.	1	60	48	16,753	69	10,172	---	---	22	42,160	108	53,670	21	11,100	203	1	---	85	4,010
6.	6	690	75	18,970	154	25,506	---	---	30	9,879	140	68,034	31	28,800	376	16	---	151	10,567
7.	13	1,630	56	10,270	99	12,666	---	---	7	2,300	133	79,100	32	47,240	262	9	---	4	4,424
8.	---	---	133	24,345	227	27,402	---	---	24	7,433	109	81,698	27	29,100	460	28	---	157	15,539
9.	12	3,600	65	18,008	225	23,900	---	---	30	6,308	205	98,460	45	35,849	728	13	---	50	8,870
10.	3	1,100	54	12,676	208	26,682	---	---	39	1,850	175	78,823	36	24,172	633	22	---	76	30,835
11.	---	---	86	21,309	365	46,931	6	4,680	160	69,191	22	11,816	697	---	---	22	---	58	28,921
12.	9	2,250	88	22,950	413	75,412	---	---	39	26,682	135	152,739	21	14,257	714	25	6	86	17
13.	10	1,625	72	14,673	205	35,697	---	---	9	2,137	133	64,935	37	24,059	521	1	3	126	18
14.	---	---	62	16,893	129	19,890	---	---	4	6,650	148	52,541	37	17,402	395	1	35	8	19
15.	---	---	127	29,375	210	24,843	---	---	13	1,941	128	92,900	55	53,500	600	82	6	110	24
16.	---	---	127	19,990	149	14,315	---	---	11	1,517	114	94,697	56	59,466	490	51	11	25	20
17.	---	---	71	16,123	37	16,815	---	---	---	---	30	65,615	11	21,700	103	40	---	84	16
18.	---	---	124	21,105	205	35,505	4	18	8	1,392	136	116,065	49	27,897	485	1	42	8	26,120
19.	1	120	114	22,600	283	33,445	---	---	30	4,980	113	82,143	38	22,823	411	18	2	35	30
20.	---	---	139	22,025	354	51,769	1	50	4	1,200	177	109,304	38	23,721	556	11	18	25	16,390
21.	---	---	128	19,750	327	33,733	---	---	12	1,891	120	78,130	23	22,866	357	55	11	27	21
22.	---	---	165	29,705	284	50,779	3	150	19	3,815	152	117,992	45	42,809	574	3	44	52	16,788
23.	---	---	103	17,573	276	22,477	1	30	18	3,610	150	84,451	50	22,233	516	1	5	56	32
24.	1	250	103	17,085	296	29,625	---	---	10	2,475	155	80,719	54	16,857	500	2	17	41	12
25.	---	---	138	17,085	296	29,625	---	---	12	10,130	137	66,770	15	13,473	480	25	4	28	30
26.	6	775	173	27,535	289	39,128	---	---	---	---	137	66,770	15	13,473	480	25	4	35	24
Total,	96	15,450	2,434	497,964	5,366	721,436	10	254	446	103,743	2,051,104	804	662,628	11,652	10	655	80	1,864	406,474

*Including 12 water shaft tanks.

C—Power and Haulage Equipment, 1922

Districts	Power plant						Pumps				Haulage				Air compressors				
	Boilers		Engines		Total number	Total capacity—gallons per minute	Number	Gallons per minute	Horses and mules	Locomotives			Number	Total capacity—cubic feet per minute					
	Cylindrical	Tubular	Steam engines (all classes)	Internal combustion engines (gas)						Electric dynamos (all classes)									
Number	Total horse power	Number	Total horse power	Number	Total watts	Number	Total capacity—gallons per minute	Number	Gallons per minute	Gasoline	Steam	Air	Electric						
1,	6	415	72	12,250	159	17,253	75	7,491	132	69,050	40	22,430	349	18	---	---	77	28	11,375
2,	1	85	69	14,418	133	12,340	34	11,227	147	111,292	50	28,550	382	1	27	---	114	33	13,695
3,	2	30	64	14,550	164	20,388	23	8,114	123	81,115	28	28,000	398	7	7	---	109	17	13,110
4,	13	215	45	8,300	97	7,947	9	3,550	92	46,702	20	17,925	393	1	1	---	31	18	6,923
5,	6	776	77	17,108	74	10,969	32	13,450	117	78,735	24	33,440	162	8	---	---	102	23	17,054
6,	7	776	77	20,320	152	26,263	32	20,474	137	71,473	26	18,710	349	14	---	---	153	47	17,054
7,	3	375	68	11,580	103	11,091	14	4,300	141	89,850	34	53,350	240	9	---	---	112	13	7,574
8,	12	3,600	121	24,185	232	27,006	28	9,413	214	83,938	29	30,800	514	25	---	---	197	32	15,292
9,	65	18,008	65	18,008	229	23,707	34	5,193	221	101,710	51	38,400	527	13	---	---	53	11	10,855
10,	57	13,786	193	25,168	193	25,168	20	2,176	194	80,393	39	24,662	631	23	30	---	50	30	29,045
11,	92	23,181	372	48,306	16	4,520	166	4,520	166	62,773	24	11,786	714	21	10	---	59	28	29,166
12,	6	1,800	87	22,825	419	75,130	26	24,447	146	151,211	26	14,538	654	19	7	---	87	17	26,249
13,	10	1,625	76	15,779	909	36,348	14	4,253	137	67,760	39	24,680	513	1	17	---	134	20	22,536
14,	15	1,625	64	17,445	129	19,963	11	8,550	133	52,181	47	15,925	399	1	37	---	123	31	21,160
15,	119	28,825	189	22,719	18	3,105	128	3,105	128	98,150	53	41,400	589	1	35	---	45	28	15,103
16,	112	16,930	135	12,215	1	25	8	1,048	112	106,397	58	63,466	528	47	9	---	30	19	6,331
17,	71	16,148	36	15,815	3	14	20	2,255	51	106,050	21	53,000	96	40	---	---	84	17	18,293
18,	119	20,395	119	26,290	3	14	20	2,255	138	113,825	49	26,250	440	51	10	---	53	31	23,870
19,	110	22,530	155	29,675	13	4,505	86	4,505	86	66,419	40	23,265	422	19	2	---	35	23	17,640
20,	171	23,660	172	39,295	1	50	4	1,200	98	83,510	44	23,510	564	15	19	---	30	25	13,942
21,	109	18,375	187	24,063	35	3,545	65	3,545	65	61,430	22	16,419	342	55	11	---	50	25	16,465
22,	141	24,945	131	28,179	2	150	12	2,490	70	80,826	37	41,691	431	3	44	---	3	30	23,030
23,	111	17,858	224	23,218	1	30	40	6,175	122	74,275	53	21,049	499	24	---	---	36	23	21,682
24,	137	20,635	205	21,613	1	40	12	2,646	138	78,215	56	20,098	552	2	15	---	35	21	23,828
25,	6	775	171	27,375	169	30,540	13	13,130	78	53,020	14	8,739	451	23	4	---	39	23	27,114
Total,	66	9,696	2,373	471,411	4,387	635,491	543	163,421	3,186	2,070,270	924	701,336	11,139	10	617	118	1,889	613	437,408

FIRST DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Barton Coal Co. Barton Washery, -----	Lackawanna, -----	N. Y. O. & W., -----	20,510	98	-----	20,608	72	60	-----	-----	-----	-----	-----
Bright Coal Co. Bright, -----	Lackawanna, -----	N. Y. O. & W., -----	1,070	-----	16	1,086	43	25	-----	-----	1,000	-----	-----
Carbondale Coal Mining Co. Boland, -----	Lackawanna, -----	D. & H., -----	21,269	651	3,641	25,561	211	87	-----	-----	1,000	800	3,000
Connell Anthracite Mining Co. Connell, -----	Sullivan, -----	L. V., -----	187,638	46,000	4,578	238,216	248	545	-----	-----	93,375	20,988	114,363
Grove Hill Coal Co. Grove Hill, -----	Lackawanna, -----	Wagon to Erie, -----	8,700	260	350	9,310	101	46	-----	-----	2,500	6,000	-----
Hillside Coal & Iron Co. Forest City, -----	Susquehanna, -----	Erie, -----	382,364	36,200	12,651	431,215	301	1,030	1	1	359,125	157,708	67,200
Hudson Coal Co. Clinton, -----	Lackawanna, -----	D. & H., -----	527,222	20,431	4,800	552,523	292	762	2	16	289,300	190,065	20,632
Clinton Washery, -----	Wayne, -----	D. & H., -----	1,045	1,105	-----	2,150	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	528,277	21,536	4,860	554,673	-----	762	2	16	289,300	190,065	20,632
J. W. Kirby & Sons, Inc. Stillwater, -----	Susquehanna, -----	Erie, -----	7,868	500	-----	8,368	240	37	-----	-----	8,025	1,425	-----
Lackawanna Coal Co., Ltd. Lackawanna, -----	Lackawanna, -----	Erie & D. L. & W., -----	182,736	39,535	24,839	247,100	240	554	1	1	53,650	99,825	-----
Mt. Jessup Coal Co., Ltd. Mount Jessup No. 2, -----	Lackawanna, -----	D. & H., -----	276,829	1,200	7,819	285,848	298	635	-----	15	142,375	21,621	55,075
Northern Anthracite Coal Co. Murray, -----	Sullivan, -----	L. V., -----	100,962	6,000	2,830	109,792	142	228	-----	1	6,300	2,800	-----

Racket Brook Coal Co. Racket Brook, -----	D. & H., -----	100,619	1,068	3,136	104,823	198	320	-----	8	35,400	42,996	91,825
Richmondale Coal Co. Richmondale, -----	N. Y. O. & W., -----	16,670	275	91	17,036	132	49	1	-----	-----	-----	1,500
Robertson Coal Co. Robertson Washery, -----	N. Y. O. & W., -----	37,761	55	61	37,877	103	80	-----	-----	-----	-----	-----
M. Schlosser, Trustee Northeast, -----	N. Y. O. & W., -----	1,350	50	-----	1,400	79	40	-----	-----	2,000	1,000	-----
Scranton Coal Co. Ontario, -----	N. Y. O. & W., -----	165,934	44,399	2,720	213,053	275	506	2	3	24,625	178,200	-----
Ontario Washery, -----	N. Y. O. & W., -----	19,239	-----	188	19,427	50	36	-----	-----	-----	-----	-----
Total, -----	-----	185,173	44,399	2,908	232,480	-----	542	2	3	24,625	178,200	-----
Temple Coal Co. Northwest, -----	Erle & N. Y. O. & W., --	97,806	11,005	1,237	110,048	231	291	1	3	16,250	84,050	-----
Grand total, -----	-----	2,157,602	208,832	69,007	2,435,441	-----	5,331	8	554	1,035,525	897,478	353,395

¹Disability 60 days or more

SECOND DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ploys	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hudson Coal Co.													
Coal Brook, -----	Lackawanna, -----	D. & H., -----	730,249	58,485	1,624	796,358	310	1,329	5	17	424,125	135,426	55,045
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	590,906	24,158	7,671	628,735	290	1,063	4	8	326,450	17,826	181,822
Powderly, -----	Lackawanna, -----	D. & H., -----	385,201	47,207	12,568	444,976	301	874	2	7	151,475	51,350	112,086
Jermyn, -----	Lackawanna, -----	D. & H., -----	407,242	10,201	-----	417,443	296	804	5	11	182,450	139,479	119,184
			2,125,598	140,051	21,863	2,287,512	-----	4,070	16	43	1,084,500	344,130	408,137
Washeries, Coal Brook, -----	Lackawanna, -----	D. & H., -----	2,371	12,369	-----	14,740	† #	† #	-----	-----	-----	-----	-----
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	5,564	183	-----	5,697	-----	-----	-----	-----	-----	-----	-----
			7,935	12,502	-----	20,437	-----	-----	-----	-----	-----	-----	-----
Total, -----			2,133,533	152,553	21,863	2,307,949	-----	4,070	16	43	1,084,500	344,130	408,137
Scranton Coal Co.													
Riverside, -----	Lackawanna, -----	N. Y. O. & W., -----	143,650	26,061	3,210	172,921	265	419	1	-----	72,500	34,800	55,975
Raymond,* -----	Lackawanna, -----	N. Y. O. & W., -----	143,499	7,729	-----	153,228	236	414	1	4	15,000	140,000	800
			288,149	33,790	3,210	326,149	-----	833	2	4	87,500	174,800	56,775
Total, -----			-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Temple Coal Co.													
Sterrick Creek, -----	Lackawanna, -----	Erie, -----	209,199	29,586	7,770	246,555	248	529	2	1	97,400	92,425	-----
Hillside Coal & Iron Co.													
Erie, -----	Lackawanna, -----	Erie, -----	116,343	6,770	533	123,646	297	373	2	1	92,000	50	55,610
Humbert Coal Co.													
Sunnyside, -----	Lackawanna, -----	Erie, -----	97,509	3,000	672	101,181	233	225	-----	-----	78,725	14,316	19,000
Archbald Coal Co.													
Tappans, -----	Lackawanna, -----	D. & H., -----	52,031	3,427	2,461	57,919	123	281	1	1	4,375	30,000	15,725

*Breaker burned December 13, 1920. Coal prepared at Ontario breaker, 1st District.

†Included with Coal Brook Colliery.

#Included with Gravity Slope Colliery.

Rhondda Coal Co.	Lackawanna, -----	N. Y. O. & W.,	37,405	500	-----	37,905	117	40	-----	-----	-----	-----	-----
Rhondda Washery, -----	Lackawanna, -----	N. Y. O. & W.,	13,065	450	2,310	15,825	127	75	-----	-----	-----	6,000	-----
Murrin Coal Co.	Lackawanna, -----	N. Y. O. & W.,	1,000	-----	1,495	2,495	225	25	1	-----	5,550	11,100	-----
Fall Brook, -----	Lackawanna, -----	N. Y. O. & W.,	2,000	45	-----	2,045	59	20	-----	-----	150	75	-----
Eclipse Coal Co.	Lackawanna, -----	N. Y. O. & W.,	2,951,234	250,121	40,314	3,221,649	-----	6,471	24	50	1,450,200	655,786	632,347
Fireside Coal Co.	Lackawanna, -----	N. Y. O. & W.,	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Fireside, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹Disability 60 days or more.

THIRD DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.	Lackawanna,	D. L. & W.,	544,834	55,724		600,558	290	1,132	3	9	227,700	577,397	
Diamond,	Lackawanna,	D. L. & W.,	276,941	21,433		298,374	289	553	3	10	63,325	242,713	
Cavaga,†													
Total,			821,835	83,157		904,992		1,685	6	19	291,025	820,110	
Hudson Coal Co.	Lackawanna,	D. & H.,	645,781	21,639		667,420	280	1,354	5	18	651,740		175,191
Eddy Creek,	Lackawanna,	D. & H.,	402,531	48,930	28,412	569,893	294	1,301	4	17	377,840	36,834	243,162
Marvine,	Lackawanna,	D. & H.,					338	339	2	2	119,300	1,639	131,923
Dickson,*													
Eddy Creek Washery,	Lackawanna,	D. & H.,	1,138,332	70,509	28,412	1,237,313		2,974	11	37	1,148,840	38,473	549,876
Total,			1,138,978	15,894	28,412	1,253,833	#	2,974	11	37	1,148,840	38,473	549,876
Legitts Creek Anthracite Co.	Lackawanna,	D. & H.,	292,008	50,646	5,724	357,438	296	750	2	14	169,325	104,238	153,780
Legitts Creek,													
Mid City Coal Co.	Lackawanna,	N. Y. O. & W.,	53,831	1,500	15,225	70,559	268	197	1		2,500	8,000	24,250
Bulls Head,				49									
Pleasant Mount Coal Co.	Lackawanna,	N. Y. O. & W.,	7,067			7,116	53	15					
Pleasant Mount Washery,													
Von Storch Collieries Co.	Lackawanna,	D. & H.,	214,471	32,882	14,686	262,039	287	635	1	2	11,145	26,974	125,652
Von Storch,													
Grand total,			2,518,290	263,097	64,050	2,845,977		6,256	21	721	1,622,835	947,795	853,558

*Coal prepared at Marvine Colliery.

†Included with Eddy Creek Colliery.

‡Coal prepared at Diamond breaker.

§Disability 60 days or more.

FOURTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acc- idents	Serious non- fatal acc- idents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co. Hyde Park, ----- Brislin Washery, -----	Lackawanna, Lackawanna, -----	D. L. & W., -- D. L. & W., --	231,873 143	37,312	27,609	296,884 143	242 #	647 #	5	8 1	244,875	55,125	25
Total, -----			232,016	37,312	27,609	297,027	-----	647	5	9	244,875	55,125	25
Green Ridge Coal Co. Green Ridge, -----	Lackawanna, -----	Erie & D. & H.	33,809	5,016	4,028	42,853	177	143	-----	1	2,600	41,650	-----
Hudson Coal Co. Manville,* -----	Lackawanna, -----	D. & H., -----	367,456	17,042	-----	384,498	343	273	1	4	204,275	1,224	13,991
Lackawanna Fuel Co. Lackawanna Washery, -----	Lackawanna, -----	N. Y. O. & W. & D. L. & W.	46,965	120	11,049	58,074	287	31	-----	1	-----	-----	-----
Pennsylvania Coal Co. No. 5 Colliery, -----	Lackawanna, -----	Erie, -----	237,249	14,322	31,200	282,771	300	548	7	2	231,225	-----	25,465
Petersburg Coal Co. Park, -----	Lackawanna, -----	None, -----	2,555	-----	-----	2,555	201	16	-----	-----	10,000	10,000	8,000
Price-Pancoast Coal Co. Pancoast -----	Lackawanna, -----	(N. Y. O. & W.) & D. L. & W.	220,728	62,598	3,757	287,083	243	785	2	7	243,175	14,350	500
Pancoast Washery, -----	Lackawanna, -----	(N. Y. O. & W.) & D. L. & W.	-----	7,112	-----	7,112	243	**	-----	-----	-----	-----	-----
Total, -----			220,728	69,710	3,757	294,195	-----	785	2	7	243,175	14,350	500

No. record kept; only a few men employed dismantling washery.

**Included with Pancoast Colliery.

*Breaker abandoned January, 1921. Coal prepared at Marvine breaker, 3rd District.

FOURTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Seranton Coal Co.													
Pine Brook, -----	Lackawanna, -----	N. Y. O. & W.,	383,820	30,139	42,584	436,543	272	1,003	1	6	333,125	48,000	24,050
Capous,†† -----	Lackawanna, -----	N. Y. O. & W.,	91,083	21,575	-----	112,658	272	305	3	2	40,875	16,000	106,425
Mount Pleasant, -----	Lackawanna, -----	N. Y. O. & W.,	27,811	5,640	7,739	41,190	226	180	1	1	28,125	-----	42,200
Total, -----	-----	-----	502,714	57,354	50,323	610,391	-----	1,488	5	9	432,125	64,000	172,675
Se Rob Coal Co.													
Se Rob, -----	Lackawanna, -----	{ D. L. & W. } { N. Y. O. & W. }	85,913	-----	5,233	91,146	243	98	-----	-----	116,250	-----	-----
Staples & Bell, Inc., & Dexter & Carpenter, Inc. Oxford Washery, -----	Lackawanna, -----	D. L. & W., --	1,465	1,325	22	2,812	37	50	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	1,730,810	202,201	133,311	2,066,322	-----	4,099	20	33 ¹	1,484,525	186,349	220,656

††Coal prepared at Johnson breaker, 6th District.

¹Disability 60 days or more.

FIFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Black Diamond Fuel Co. Taylor Washery, -----	Lackawanna, -----	D. & H., -----	-----	50	-----	50	95	10	-----	-----	-----	-----	-----
Gibbons Coal Co., John Gibbons, # -----	Lackawanna, -----	D. & H., -----	20,000	300	700	21,000	217	35	-----	1	-----	-----	-----
Glen Alden Coal Co. Continental, (a) -----	Lackawanna, -----	D. L. & W., -----	220,472	20,028	5,887	246,387	239	611	2	7	142,825	37,509	29,909
National, -----	Lackawanna, -----	D. L. & W., -----	503,613	51,876	48,101	603,595	241	1,632	6	13	406,475	158,651	-----
Baker, (b) -----	Lackawanna, -----	D. L. & W., -----	165,323	5,732	-----	171,060	230	478	3	11	141,200	49,238	-----
Sloan, -----	Lackawanna, -----	D. L. & W., -----	332,250	32,150	-----	424,430	291	833	5	16	223,575	207,754	-----
Archbald, -----	Lackawanna, -----	D. L. & W., -----	1,281,698	109,736	53,983	1,445,472	-----	3,554	16	71	974,075	453,152	29,909
Hampton Washery, -----	Lackawanna, -----	D. L. & W., -----	40	27,817	-----	27,857	136	32	-----	1	-----	-----	-----
Hampton Power Plant, (c) -----	Lackawanna, -----	D. L. & W., -----	-----	-----	-----	-----	365	81	-----	-----	-----	-----	-----
Total, -----	-----	-----	40	27,817	-----	27,857	-----	113	-----	1	-----	-----	-----
Hudson Coal Co. Greenwood Washery, -----	Lackawanna, -----	D. & H., -----	1,281,735	137,603	53,983	1,473,329	-----	3,667	16	72	974,075	453,152	29,909
Greenwood Washery, -----	Lackawanna, -----	D. & H., -----	472,737	30,971	8,512	512,220	291	1,001	3	8	435,225	176,946	36,664
Total, -----	Lackawanna, -----	D. & H., -----	890	525	-----	1,415	X	X	-----	-----	-----	-----	-----
Moffat, W. Y. Carleton,†† -----	Lackawanna, -----	D. & H., -----	473,627	31,496	8,512	513,635	-----	1,001	3	8	435,225	176,946	36,664
Scranton Anthracite Coal Co., -----	Lackawanna, -----	D. L. & W., -----	33,025	200	-----	33,225	193	100	-----	1	22,500	-----	11,000
Oak Hill, -----	Lackawanna, -----	N. Y. S. & W., -----	14,600	400	-----	15,000	123	75	1	1	18,750	6,000	24,750
Grand total, -----	-----	-----	1,822,990	170,049	63,290	2,056,299	-----	4,883	20	83	1,450,550	636,098	102,323

* Stripping operation. (a) Fighting mine fire. (b) Bellevue and Dodge Collieries consolidated as Baker, September, 1921. X Included with Greenwood Colliery.
†† No breaker. (c) Produces power for collieries of Glen Alden Coal Co. †Disability 60 days or more.

SIXTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Bald Mountain Coal Co. Marshwood,†	Lackawanna,	D. L. & W.,	66,053	578	173	66,804	291	153	—	—	20,625	16,500	4,375
Carney & Brown Coal Co. Carney & Brown,	Lackawanna,	D. L. & W. and Erie,	19,338	350	1,596	21,304	204	64	—	—	10,000	6,350	3,150
Glen Alden Coal Co. Stotts,	Lackawanna,	D. L. & W.,	851,676	62,887	25,307	939,870	291	1,464	4	17	1,258,750	138,977	—
Hudson Coal Co. Olyphant,	Lackawanna,	D. & H.,	817,785	113,847	23,200	954,832	297	1,508	4	14	817,785	25	245,620
John J. Boland Coal Co. Boland,	Lackawanna,	Erie,	6,252	25	2,460	8,737	228	26	—	—	2,100	550	625
Mount Jessup Coal Co. Mount Jessup No. 1,	Lackawanna,	{D. L. & W., {N. Y. O. & W., {Erie,	149,651	1,822	416	151,889	285	333	1	—	12,950	19,856	82,125
Nay-Aug Coal Co. Nay-Aug,	Lackawanna,	{D. & H., {Erie,	37,323	750	—	38,073	198	157	—	1	1,100	6,500	—
Pennsylvania Coal Co. No. 1,	Lackawanna,	Erie,	823,783	25,449	232	849,487	305	1,490	3	4	826,025	10,325	36,908
Underwood,	Lackawanna,	Erie,	651,795	35,279	6,334	693,408	303	1,114	3	—	578,550	11,950	225,970
Total,			1,475,581	60,728	6,586	1,542,895	—	2,604	6	4	1,404,575	22,275	262,878
Quinn Coal Co. No. 6,	Lackawanna,	Erie,	7,761	—	—	7,761	219	98	—	—	—	—	5,275
Scranton Coal Co. Johnson,	Lackawanna,	N. Y. O. & W.,	117,220	35,564	3,148	155,932	211	438	2	4	31,250	26,200	—
Richmond No. 3,**	Lackawanna,	N. Y. O. & W.,	54,728	17,798	4,071	76,597	217	267	1	1	90,375	35,900	4,250
Total,			171,948	53,362	7,219	232,529	—	705	3	5	130,625	62,000	4,250

†Coal prepared at Mount Jessup No. 1 breaker.

**Breaker abandoned August 1, 1921; coal now prepared at Johnson breaker.

Spencer Coal Co. Spencer, -----	Lackawanna, -----	Eric, -----	45,471	1,500	10,898	57,869	276	170	1	1	3,750	17,200	2,650
Scranton Anthracite Coal Co., -----	Lackawanna, -----	N. Y. O. & W., -----	10,083	-----	146	10,229	289	42	-----	1	1,750	1,750	3,500
Blakely, (a) -----	-----	-----	3,658,942	295,849	78,001	4,032,792	-----	7,324	19	43 ¹	3,664,010	292,043	614,448
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹Disability 60 days or more.
(a) Coal prepared at Lackawanna breaker, 1st District.

SEVENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.													
Taylor, -----	Lackawanna, -----	D. L. & W., -----	553,663	58,634	11,088	623,385	241	996	2	5	439,575	54,334	16,500
Pyne, -----	Lackawanna, -----	D. L. & W., -----	468,778	44,416	4,696	517,890	292	700	3	7	456,025	23,706	1,500
Hallstead, -----	Luzerne, -----	D. L. & W., -----	172,124	27,633	3,590	203,350	288	384	1	4	9,000	1,876	160,825
Total, -----			1,194,565	130,680	19,374	1,344,625	-----	2,140	6	16	504,600	80,005	178,825
Hillside Coal & Iron Co.													
Consolidated, -----	Luzerne, -----	Erie, -----	108,151	6,359	10,568	125,067	278	266	1	-----	102,225	-----	7,531
Jermyn, -----													
Jermyn & Co.	Lackawanna, -----	{Erie & ----- {D. L. & W., {	48,196	8,875	2,732	59,803	43	878	-----	3	43,750	43,000	-----
Pennsylvania Coal Co.													
Old Forge, -----	Lackawanna, -----	Erie, -----	432,261	49,276	33	481,570	247	1,336	7	4	240,300	16,550	126,122
Central, -----	Luzerne, -----	Erie, -----	223,456	21,955	7,969	263,380	264	670	1	2	233,725	-----	26,959
Total, -----			665,717	71,231	8,002	744,950	-----	1,996	8	6	474,025	16,550	153,081
Suffolk Coal Co.													
Avoca, -----	Luzerne, -----	D. & H., -----	117,129	3,740	4,593	125,462	170	450	-----	4	3,000	2,875	50,280
Grand total, -----			2,133,758	220,890	45,289	2,399,937	-----	5,730	15	29 ¹	1,527,600	142,430	389,717

¹Disability 60 days or more.

Note—Dennington Coal Co. Washery and Scranton-Taylor Coal Co. Washery idle during the year.

EIGHTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillside Coal & Iron Co. Butler, -----	Luzerne, -----	Erie, -----	620,673	43,622	8,330	677,685	261	1,580	4	3	489,675	-----	187,110
Hudson Coal Co. Lafayette, -----	Luzerne, -----	D. & H., -----	303,082	10,953	1,401	315,436	279	533	4	1	162,400	62,828	77,186
Pennsylvania Coal Co. Number 9, -----	Luzerne, -----	Erie, -----	607,155	56,806	12,313	676,274	279	1,650	1	4	455,575	25,640	153,510
Even, -----	Luzerne, -----	Erie, -----	604,250	32,980	632	637,862	268	1,697	4	4	486,550	10,750	124,100
Number 6, -----	Luzerne, -----	Erie, -----	401,765	36,222	12,279	450,266	253	1,398	3	3	419,150	10,800	126,787
Number 14, -----	Luzerne, -----	Erie, -----	680,244	59,095	8,281	737,220	263	1,959	5	8	593,275	5,945	198,562
Barnum, -----	Luzerne, -----	Erie, -----	121,250	18,953	3,328	143,531	205	403	1	3	46,975	4,848	11,125
Total, -----	-----	-----	2,423,004	204,656	36,583	2,665,153	-----	7,107	14	22	2,001,525	57,983	614,084
Quinn Coal Co. Pickaway, -----	Luzerne, -----	L. V., -----	8,188	-----	-----	8,188	105	87	-----	-----	2,365	1,050	2,600
Grand total, -----	-----	-----	3,355,007	264,231	46,624	3,665,462	-----	9,312	22	267	2,055,965	121,861	880,980

*Coal prepared at Pine Ridge breaker, 10th District.

†Disability 60 days or more.

NINTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh Valley Coal Co. Stevens, ** Exeter, --- Westmoreland, --- Maltby, --- Broadwell, † Heddenberg, --- Seneca, --- William A., † Total, ---	Luzerne, ---	L. V., ---	310,363	100,787	26,351	437,501	265	720	2	4	67,550	244,375	---
	Luzerne, ---	L. V., ---	179,398	21,902	5,519	206,789	257	345	2	3	3,675	184,050	---
	Luzerne, ---	L. V., ---	275,241	49,257	7,871	332,369	265	581	5	4	105,700	181,075	---
	Lackawanna, ---	{D. & H., ---	41,518	---	3,737	45,255	267	79	---	---	62,950	8,550	---
	Luzerne, ---	{142,045 ---	---	55,922	3,617	201,584	270	388	2	1	53,075	50,275	---
	Luzerne, ---	{174,383 ---	---	57,352	22,486	254,221	270	582	1	3	166,800	100,840	---
	Lackawanna, ---	{118,439 ---	---	21,111	9,123	148,673	268	322	1	3	34,575	118,625	---
	Total, ---	---	1,241,357	306,331	78,704	1,626,392	---	3,019	11	18	494,325	887,850	---
	Temple Coal Co. Forty Fort, ---	L. V., ---	228,120	37,917	4,801	270,838	265	505	---	5	55,400	159,008	---
	Luzerne, ---	{D. L. & W., ---	---	40,047	4,703	222,485	198	468	2	3	76,000	144,250	---
Kingston Coal Co. Kingston No. 4, --- Kingston Washery, --- Total, ---	---	---	405,855	77,964	9,504	493,323	---	973	2	8	131,400	303,918	---
	Luzerne, ---	{D. L. & W., ---	---	---	---	---	---	---	---	---	---	---	---
	Luzerne, ---	{L. V. Penna. ---	288,487	43,000	5,012	336,499	282	819	3	12	180,475	10,547	16,708
	Luzerne, ---	{D. & H. C. ---	1,789	---	---	1,789	32	---	---	---	---	---	---
Mount Lookout Coal Co. Mount Lookout, --- Harris-Denly Coal Co. Kintz, ---	---	{R. E. of N. J., ---	290,276	43,000	5,012	338,288	---	819	3	12	180,475	10,547	16,708
	Luzerne, ---	---	---	---	---	---	---	---	---	---	---	---	---
	Luzerne, ---	{D. L. & W., ---	130,669	29,543	3,918	164,130	156	433	1	3	29,250	137,100	---
Harris-Denly Coal Co. Kintz, ---	---	{Truck to D., ---	24,000	1,200	4,091	29,291	265	81	---	---	---	20,000	---
	Luzerne, ---	{L. & W., L., ---	---	---	---	---	---	---	---	---	---	---	---
	---	{V., ---	---	---	---	---	---	---	---	---	---	---	---

**Idle since February, 1919.

†Coal prepared at Seneca breaker.

Healey Coal Co. Troy, ***	Luzerne, -----	L. V., -----	21,344	-----	21,344	265	49	-----	-----	3,000	9,800	-----
John Ames Coal Co. Phoenix Washery, -----	Luzerne, -----	L. V., -----	7,385	40	7,425	31	44	-----	-----	-----	-----	-----
John Fib Coal Co. Wyoming Washery, -----	Luzerne, -----	L. V., -----	3,082	45	3,127	5 ⁰	30	-----	-----	-----	-----	-----
Grand total, -----			2,123,968	458,123	2,682,090	-----	5,448	17	41 ¹	847,450	1,369,215	16,708

¹Disability 60 days or more.
***Coal prepared at Wyoming Washery.

TENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Central Coal Co. Wyoming, -----	Luzerne, -----	D. & H., -----	65,950	1,350	859	68,159	281	158	-----	-----	85,662	5,412	13,067
John Conlon Conlon, -----	Luzerne, -----	D. & H., -----	55,800	200	3,902	59,992	289	130	1	-----	32,450	14,250	1,000
East Boston Coal Co. East Boston, -----	Luzerne, -----	{ D. L. & W., } { L. V. Penna., } { D. & H., } -----	105,035	45,625	3,872	154,532	250	416	1	5	1,402	8,474	30,751
Glen Alden Coal Co. Pettebone, -----	Luzerne, -----	D. L. & W., -----	611,628	57,995	10,243	679,866	295	946	4	17	392,125	59,612	166,369
Haddock Mining Co. Black Diamond, -----	Luzerne, -----	L. V. & D. L. & W., -----	141,743	14,600	4,571	160,914	250	373	1	6	43,750	38,350	29,300
Healey Coal Co. Miners Mills, -----	Luzerne, -----	L. V., -----	24,456	2,200	682	27,338	243	99	1	2	21,000	2,500	-----
Hudson Coal Co. Pine Ridge, -----	Luzerne, -----	D. & H., -----	892,595	76,037	11,539	980,192	281	1,184	8	167	625,850	174,156	300,734
Delaware,† Pine Ridge Washery, -----	Luzerne, -----	D. & H., -----	739	45,067	-----	45,896	284	633	2	87	-----	-----	-----
Total, -----	-----	-----	893,334	121,104	11,500	1,025,998	-----	1,837	10	24	625,850	174,156	300,734

*Included with Pine Ridge Colliery.

†Coal prepared at Pine Ridge breaker.

‡Coal prepared at Prospect breaker, 11th District.

ELEVENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployees	Fatal ac- cidents	Serious non-fatal ac- cidents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillman Coal Co. Hillman, -----	Luzerne, -----	L. V., -----	71,273	21,900	1,460	94,633	251	246	1	2	76,150	12,522	9,353
Hudson Coal Co. Baltimore No. 5, -----	Luzerne, -----	D. & H., -----	841,916	102,108	18,701	962,725	299	1,826	9	23	282,050	45,675	377,228
Lehigh & Wilkes-Barre Coal Co. Hollenback No. 2, -----	Luzerne, -----	C. R. R. of N. J., -----	215,250	35,974	75,697	326,921	290	583	2	4	141,325	42,239	136,700
South Wilkes-Barre No. 5, -----	Luzerne, -----	C. R. R. of N. J., -----	326,895	40,537	112,126	479,558	290	978	2	11	59,300	38,944	228,312
Stanton No. 7, -----	Luzerne, -----	C. R. R. of N. J., -----	734,048	55,437	22,385	811,870	296	1,482	7	22	316,400	32,795	301,275
Empire Washery, -----	Luzerne, -----	C. R. R. of N. J., -----	1,276,163	131,948	210,208	1,618,319	-----	3,043	11	37	517,025	113,978	666,287
Total, -----	-----	-----	37,806	-----	9,755	47,651	152	45	-----	1	-----	-----	-----
Lehigh Valley Coal Co. Dorrance, -----	Luzerne, -----	L. V., -----	1,314,059	131,948	219,963	1,665,970	-----	3,068	11	38	517,025	113,978	666,287
Prospect, -----	Luzerne, -----	L. V., -----	449,404	71,478	48,626	569,508	283	857	6	17	284,450	180,396	-----
Total, -----	-----	-----	292,327	58,730	11,224	362,281	284	755	4	12	182,950	109,050	30,575
Red Ash Coal Co. Red Ash No. 2, @ -----	Luzerne, -----	C. R. R. of N. J., -----	741,731	130,208	59,850	931,789	-----	1,612	10	29	467,400	289,446	30,575
Grand total, -----	-----	-----	40,584	13,157	1,068	54,809	121	250	-----	4	13,250	12,150	10,325
-----	-----	-----	3,009,563	399,321	301,042	3,709,926	-----	7,022	31	96 ¹	1,356,475	473,771	1,093,768

¹Disability 60 days or more.

@Red Ash No. 2 Slope idle on account of mine fire; stripping and Red Ash No. 1 Slope in operation.

TWELFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds			
											Black powder	Dyna- mite	Per- missible	
Glen Alden Coal Co. Woodward, Woodward Bank, Nanticoke Power Plant, x	Luzerne, Luzerne, Luzerne,	D. L. & W., D. L. & W., D. L. & W.,	1,141,687	77,229	10,790	1,229,706	289	1,767	6	40	605,425	48,940	311,240	
			24,157	13,056	37,213	289	x							
						365	84							
			1,165,844	90,285	10,790	1,266,919		1,801	6	40	605,425	48,940	311,240	
Hudson Coal Co. Loree No. 5, Loree Washery,	Luzerne, Luzerne,	D. & H., D. & H.,	1,458,636	88,021	43,544	33,473	292	#						
			3,744	29,729										
			1,462,380	117,750	43,544	1,623,674	292	2,443	9	19	1,044,475	112,905	53,624	
Total,						1,590,201		2,443	9	19	1,044,475	112,905	53,624	
Inter-City Fuel Co., Inc. Plymouth Company Washery	Luzerne,	C. R. R. of N. J.,	7,625	275	152	8,052	55	44						
Kingston Coal Co. Kingston No. 2,	Luzerne,	{D. L. & W., L. V. D. & H., C. R. R. of Penna., N. J., D. L. & W., D. & H., Penna., C. R. R. of N. J.,	332,122	19,000	31,813	382,935	283	885	1	3	202,375	4,911	2,545	
Saylord,	Luzerne,	{D. L. & W., D. & H., Penna., C. R. R. of N. J.,	98,292	17,000	2,862	118,154	282	323	1	2	15,000	15,175		
Total,			430,414	36,000	34,675	501,089		1,208	2	5	217,375	20,086	2,515	
Lehigh & Wilkes-Barre Coal Co. Lance No. 11, Nottingham No. 15,	Luzerne, Luzerne,	{C. R. R. of N. J., C. R. R. of N. J., N. J.,	413,326	47,598	19,768	480,692	285	912	8	16	371,875	15,740	54,075	
Total,			946,378	101,749	61,972	1,110,099		1,970	10	25	628,150	39,822	59,850	
Plymouth Red Ash Coal Co. Plymouth Red Ash,	Luzerne,	D. L. & W.,	13,555	167	3,639	17,361	298	40			3,300	100		
Grand total,			4,026,196	346,226	154,772	4,527,194		7,546	27	891	2,506,725	221,853	427,259	

x Furnishes power for Woodward Colliery. # Included with Woodward Colliery. * Included with Loree No. 5 Colliery. † Disability 60 days or more.

THIRTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.	Luzerne,	D. L. & W.	738,500	53,849	6,310	798,749	287	1,019	4	5	17,700	496,300	---
Loomis, -----	Luzerne, -----	D. L. & W.	1,397,805	128,013	7,334	1,533,152	287	2,122	9	7	350,700	101,973	703,725
Truesdale, -----	Luzerne, -----	D. L. & W.	203,481	36,441	3,752	242,668	289	488	---	2	30,950	8,510	61,775
Avondale, -----	Luzerne, -----	D. L. & W.	63,664	19,079	---	82,743	---	---	---	---	---	---	---
Total, -----	-----	-----	2,403,464	236,422	17,426	2,657,312	---	3,629	13	14	399,350	606,785	765,500
George F. Lee Coal Co.	Luzerne, -----	D. L. & W.	96,897	---	1,388	98,285	223	296	2	3	4,000	15,562	950
Chauncey, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	359,395	48,441	7,739	415,536	277	634	4	4	36,200	215,600	---
Franklin, -----	Luzerne, -----	L. V., -----	82,563	12,091	530	95,234	---	155	1	2	500	33,050	---
Warrior Run,* -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Total, -----	-----	-----	441,958	60,532	8,310	510,800	---	789	5	6	36,700	248,650	---
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	C. R. R. of N. J., -----	394,655	23,976	4,770	423,401	279	852	2	6	5,100	25,567	210,206
Sugar Notch No. 9, -----	-----	C. R. R. of N. J., -----	---	---	---	---	---	---	---	---	---	---	---
Maxwell No. 20, -----	Luzerne, -----	C. R. R. of N. J., -----	527,314	40,308	15,839	583,961	294	1,079	6	13	87,025	12,245	250,750
Buttonwood No. 22, -----	Luzerne, -----	C. R. R. of N. J., -----	235,806	39,653	2,113	277,577	294	632	---	3	2,675	7,353	181,725
Total, -----	-----	-----	1,158,275	106,937	22,727	1,284,939	---	2,563	8	22	94,800	45,165	612,681
Pittston Coal Mining Co.	Luzerne, -----	C. R. R. of N. J., -----	118,046	15,500	900	134,446	265	273	---	2	---	42,000	---
Hadleigh, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
West Nanticoke Coal Co.	Luzerne, -----	Penna., -----	82,039	682	---	32,721	119	171	---	1	3,525	5,065	780
West Nanticoke, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Grand total, -----	-----	-----	4,250,679	417,073	50,761	4,718,503	---	7,721	28	481	538,975	963,167	1,409,911

**Coal from culm bank prepared at Avondale breaker.

*Coal prepared at Prospect breaker, 11th District.

†Disability 60 days or more.

FOURTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Alden Coal Co. Alden, East Alden Mining Co. East Alden,	Luzerne,	C. R. R. of N. J.,	307,213	23,211	7,061	337,485	253	790	3	1	111,000		75,918
	Luzerne,	L. V.,	37,290	148		37,438	212	58				500	22,325
	Luzerne,	D. L. & W.,	312,167	19,303		331,470	287	501		1		2,025	216,625
Glen Alden Coal Co. Auchincloss, [†] Bliss,	Luzerne,	D. L. & W.,	588,463	52,625	5,213	646,301	287	992	3	8	90,950	50,178	296,200
			900,630	71,928	5,213	977,771		1,403	3	9	90,950	52,293	482,825
	Total,												
Lehigh & Wilkes-Barre Coal Co. Wanamie No. 18, Wanamie Washery,	Luzerne,	C. R. R. of N. J.,	612,882	34,120	6,115	653,117	292	1,164	4	9	47,125	58,635	282,575
	Luzerne,	C. R. R. of N. J.,	137,161		15,157	152,318	227	68					
	Total,		750,043	34,120	21,272	805,435		1,232	4	9	47,125	58,635	282,575
Stackhouse Coal Co., E. S. Salem, Susquehanna Collieries Co. Number 5, Number 6, Number 7,	Luzerne,	D. L. & W.,	37,568	710	1,178	39,846	204	189			7,875	10,310	17,610
	Luzerne,	Penna.,	#422,984	18,852	8,024	449,860	258	1,279	5	4	206,725	31,011	87,447
	Luzerne,	Penna.,	452,611	42,941	5,317	500,869	260	1,613	3	6	95,950	152,738	36,100
Nanticoke Washery, Total,	Luzerne,	Penna.,	#384,975	33,504	16,461	434,940	269	1,064	8	4			
			1,240,570	95,297	29,802	1,365,669		3,356	16	14	302,675	183,749	123,547
	Total,		#99,358	102,754		202,112	263	57					
West End Coal Co. West End, Grand total,	Luzerne,	Penna. & C. R. R. of N. J.,	1,359,928	198,051	29,892	1,587,781		3,413	16	14	302,675	183,749	123,547
			498,372	15,052	6,887	520,311	247	996	2	2	7,225	53,675	146,475
	Grand total,		3,801,434	343,220	71,413	4,306,067		8,081	28	35 ¹	596,850	359,072	1,151,275

[†]47,704 tons stocked at collieries and not yet shipped. [‡]Coal prepared at Loomis breaker, 13th District. [§]Disability 60 days or more.

FIFTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Coxe Brothers & Co., Inc.,	Luzerne,	L. V.,	290,764	108,108	15,429	414,301	290	664	1	5	835	150,257	---
Drifton,			284,878	28,934	14,655	328,407	245	327	1	2	---	72,094	---
Fekley,*			347,959	1,878	14,270	364,107	294	699	9	2	---	328,061	---
Deringer,**			923,601	138,920	44,294	1,106,815	---	1,690	11	9	835	550,412	---
Total,													
East Point Coal Co.	Luzerne,	C. R. R. of N. J.,	13,724	234	495	14,453	107	135	---	---	---	3,020	7,938
Pond Creek,													
Jeddo-Highland Coal Co.**			188,766	46,651	7,095	242,512	299	590	1	3	---	1,192	---
Highland No. 2,			252,109	30,500	137	282,757	297	501	2	2	25	1,622	---
Highland No. 5,	Luzerne,	L. V.,	353,505	43,801	7,607	404,913	289	1,065	4	10	---	3,945	---
Jeddo No. 4,			175,050	14,250	8,532	197,832	288	351	1	3	---	698	---
Jeddo No. 7,			969,421	135,202	23,301	1,128,014	---	2,507	8	18	25	6,857	---
Total,													
Kemmerer & Co., M. S.	Luzerne,	C. R. R. of N. J.,	66,016	2,900	1,154	70,070	287	152	---	---	---	9,635	4,400
Sandy Run,													
Lehigh Valley Coal Co.			189,941	30,492	57,034	277,467	256	458	1	7	50	127,800	---
Hazleton No. 1,			237,767	80,602	5,532	323,901	264	762	1	2	---	266,016	---
Hazleton Shaft,	Luzerne,	L. V.,	427,708	111,094	62,556	601,358	---	1,220	2	9	50	333,816	---
Total,													
Pardee Brothers & Co., Inc.			499,143	64,000	11,661	574,804	288	1,077	1	4	---	441,972	---
Lattimer,													

*Coal prepared at Drifton and Hazleton Shaft breakers.

**Formerly G. B. Markle Co.

***Coal prepared at Hazleton Shaft breaker, Lehigh Valley Coal Co.

Upper Lehigh Coal Co. Upper Lehigh, -----	C. R. R. of N. J., -----	131,021	12,433	1,668	145,122	272	294	-----	1	-----	97,890	-----
J. S. Wentz Co. Hazle Brook, -----	L. V., -----	96,217	21,833	692	118,762	258	185	1	1	-----	28,879	-----
Wolf Collieries Co., Inc. Wolf, -----	L. V., -----	40,401	3,239	-----	43,670	286	88	1	-----	-----	20,875	-----
Grand total, -----	-----	3,167,252	489,905	145,921	3,803,078	-----	7,348	24	42 ¹	910	1,493,416	12,338

¹Disability 60 days or more.

SIXTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em-ployes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
Beaver Valley Coal Co. Scotch Valley, -----	Columbia, -----	Penna., -----	35,522	5,730	271	41,523	224	163	-----	3	7,750	11,050	6,450
Campion Coal Co. Silver Brook Washery, -----	Schuykill, -----	P. & R., -----	28,207	-----	-----	28,207	228	25	-----	-----	-----	-----	-----
Coxe Brothers & Co., Inc. Beaver Meadow, -----	Carbon, -----	L. V., -----	220,454	26,557	7,515	324,500	223	461	-----	7	-----	160,050	-----
Onelda,† -----	Schuykill, -----	L. V., -----	226,606	21,261	22,208	310,075	240	536	-----	3	-----	164,214	-----
Total, -----	-----	-----	557,040	47,798	29,723	634,531	-----	927	-----	10	-----	330,264	-----
Cranberry Creek Coal Co. Cranberry, -----	Luzerne, -----	L. V., -----	604,428	34,307	294,602	903,337	287	1,343	6	12	2,350	348,210	25,508
Charles M. Dodson & Co. Beaver Brook, -----	Luzerne, -----	L. V., & C. R. R. of N. J., -----	253,287	15,940	2,371	271,598	225	504	1	8	2,000	116,000	-----
Evans, -----	Carbon, -----	L. V., -----	35,043	600	623	36,256	189	124	-----	-----	-----	2,900	28,200
Harwood Coal Co. Harwood, -----	Luzerne, -----	L. V., -----	65,819	1,200	29,580	96,599	287	386	1	3	-----	59,250	-----
Lehigh & Wilkes-Barre Coal Co. Audenried No. 4,* -----	Schuykill, -----	C. R. R. of N. J., -----	345,799	46,070	7,298	399,167	284	775	1	14	8,850	199,570	3,035
Honey Brook No. 5, -----	Schuykill, -----	C. R. R. of N. J., -----	225,220	25,274	-----	250,494	263	579	-----	5	22,050	118,530	100
Total, -----	-----	-----	581,019	71,344	7,298	659,661	-----	1,354	1	19	30,900	318,100	8,135

*Slopes Nos. 21 and 23 in Carbon County; no production.

†Coal prepared at Spring Mountain breaker.

SEVENTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Lehigh Coal & Navigation Co.													
Nesquehoning, ---	Carbon, ---	{C. R. R. of N.}	710,292	14,154	10,304	734,750	260	1,484	5	16	104,550	342,662	95,992
Lansford, ---	Carbon, ---	{J. L. & N. E.}	735,026	84,652	16,528	836,206	259	1,820	4	29	---	519,158	72,803
Coaldale,* ---	{Carbon, ---}	{C. R. R. of N.}	649,262	67,729	17,670	734,661	258	1,490	4	18	31,275	374,523	128,486
Greenwood, ---	Schuylkill, ---	{J. L. & N. E.}	414,951	47,659	---	462,610	258	842	1	10	---	138,034	41,500
Rahn, ---	Schuylkill, ---	{C. R. R. of N.}	424,442	7,273	6,423	438,138	260	866	8	21	---	196,901	42,455
		{J. L. & N. E.}	2,933,973	221,467	50,925	3,206,365	---	6,502	22	94	135,825	1,571,278	381,246
Hauto Washery, ---	Carbon, ---	{C. R. R. of N.}	35,327	678	5,083	41,088	46	---	---	---	---	---	---
Ashton Washery, ---	Carbon, ---	{J. L. & N. E.}	3,098	720	651	4,469	---	---	---	---	---	---	---
		{J. L. & N. E.}	38,425	1,398	5,734	45,557	---	---	---	---	---	---	---
Total, ---			2,972,398	222,865	56,659	3,251,922	---	6,502	22	94 ¹	135,825	1,571,278	381,246
Grand total, ---													

*Breaker destroyed by fire May 12, 1921; coal prepared at Ashton Washery.

¹Disability 60 days or more.

EIGHTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Alliance Coal Mining Co. Alliance, -----	Schuylkill, -----	P. & R., -----	144,928	28,326	1,300	174,554	282	526	6	4	-----	45,000	90,000
Bergen Coal Co. Bergen, -----	Schuylkill, -----	Auto to P. & R. -----	17,750	1,075	6,421	25,246	275	58	-----	-----	-----	9,975	-----
East Lehigh Coal Co. East Lehigh,* -----	Schuylkill, -----	{ L. & N. E. } { P. & R., -- }	35,097	1,440	5,202	41,739	147	169	-----	-----	-----	31,000	700
Gorman & Campion Coal Co. Gorman, -----	Schuylkill, -----	P. & R., -----	46,270	3,600	2,307	52,177	288	100	-----	1	-----	-----	15,000
Bell, -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	13	-----	-----	-----	-----	-----
Hudson Coal Co. Milford,† -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lehigh Coal & Navigation Co. Tamaqua, -----	Schuylkill, -----	L. & N. E., -----	373,249	51,012	1,793	426,054	266	795	3	6	-----	204,865	44,810
Lehigh Valley Coal Co. Buck Mountain, -----	Schuylkill, -----	L. V., -----	356,085	47,413	1,261	404,759	294	640	1	10	25	34,689	256,202
Maryd Coal Co. Maryd, -----	Schuylkill, -----	{ C. R. R. of N. J., ----- } { P. & R., -- }	223,676	45,913	2,502	277,091	274	431	3	10	-----	-----	150,567
Mill Creek Coal Co. Morea, -----	Schuylkill, -----	{ L. V., ----- } { Penna., ----- }	152,772	2,246	1,567	156,575	287	302	1	3	-----	-----	-----
Middle Lehigh, -----	Schuylkill, -----	-----	33,938	21,625	429	55,442	258	123	1	2	400	82,747	-----
Wolfe Creek, -----	Schuylkill, -----	-----	43,148	4,795	-----	47,943	284	93	-----	-----	-----	45,779	-----
Total, -----	-----	-----	229,308	28,666	1,986	259,960	-----	578	2	5	400	174,276	-----

†Old mine reopened.

*Abandoned June 1921.

EIGHTEENTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
P. & R. Coal & Iron Co.													
Silver Creek, -----	Schuylkill,	P. & R., -----	431,982	45,572	4,994	482,538	287	876	4	14		256,962	-----
Wadesville, -----	Schuylkill,	P. & R., -----	321,579	69,012	16,240	396,531	291	978	1	21		42,082	124,413
Eagle Hill, -----	Schuylkill,	P. & R., -----	317,509	58,470	7,265	383,244	281	784	4	19		146,415	80,065
Reevesdale, -----	Schuylkill,	P. & R., -----	89,846	7,160	24	97,030	105	200	1	2	3,975	27,090	7,925
Pine Forest, -----	Schuylkill,	P. & R., -----	62,971	2,704	13	65,688	74	141		1		975	800
Schuylkill Washery, -----	Schuylkill,	P. & R., -----	1,223,587	172,918	28,526	1,425,031	-----	2,988	10	57	3,975	513,124	213,223
Total, -----			34,880	950	-----	35,830	45	162				175	-----
St. Clair Coal Co.													
St. Clair, -----	Schuylkill,	P. & R., -----	1,238,467	173,808	28,526	1,400,801	-----	3,150	10	57	3,975	513,299	213,223
Schuylkill Valley Coal Co.													
Progressive, ¹ -----	Schuylkill,	P. & R., -----	108,011	87,000 ²	10,800	295,811	257	650	1	3	69,400	202,151	-----
Thouren Coal Co.													
Thouren Washery, ³ -----	Schuylkill,	P. & R., -----	21,818	903	6,081	28,802	188	111		2		8,175	-----
Grand total, -----													
			2,836,203	469,216	68,239	3,430,658	99	22					
								7,243	26	98 ¹	73,800	1,223,430	770,502

¹Disability 60 days or more.²75,000 tons stored at colliery.³Formerly Lucy R. Port Carbon Coal Co.⁴New operation.

NINETEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Black Heath Coal Co. Black Heath, -----	Schuylkill, -----	-----	8,400	-----	125	8,525	288	20	-----	-----	-----	2,505	-----
Buck Run Coal Co. Buck Run, -----	Schuylkill, -----	P. & R., -----	242,732	33,050	2,801	278,673	291	542	6	10	-----	110,204	74,108
Butcher Creek Co. Laurel Run, -----	Schuylkill, -----	P. & R., -----	9,663	1,210	19	10,892	242	27	-----	-----	-----	-----	900
Darkwater Coal Co. New Castle, ----- Ellsworth, -----	Schuylkill, -----	Penna., -----	162,032	26,000	809	188,831	272	350	2	3	-----	52,147	1,500
Gardner Coal Co. Gardner Washery, -----	Schuylkill, -----	P. & R., -----	14,987	325	-----	15,312	64	45	-----	-----	-----	-----	-----
Inter-City Fuel Co., Inc. Wolf Creek Washery, -----	Schuylkill, -----	P. & R., -----	9,773	125	14	9,912	31	43	-----	-----	-----	-----	-----
Lytie Coal Co. Lytie, ----- Lytie Washery, -----	Schuylkill, ----- Schuylkill, -----	{Penna., ----- {P. & R., -----	247,672 10,468	54,252 745	4,418	306,342 11,213	276 59	606 32	9 -----	9	-----	58,648	112,387
Total, -----	-----	-----	258,140	54,997	4,418	317,555	-----	698	9	9	-----	58,648	112,387
Oak Hill Coal Co. Oak Hill, -----	Schuylkill, -----	P. & R., -----	166,452	9,600	433	176,475	287	333	3	10	-----	23,300	97,575

NINETEENTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
P. & R. Coal & Iron Co.	Schuylkill,	P. & R.,	201,884	90,225	1,789	238,858	291	656	2	9	50	34,625	57,135
Otto,	Schuylkill,	P. & R.,	216,808	53,069	1,900	271,867	290	521	4	11	---	11,477	128,854
Phoenix Park,	Schuylkill,	P. & R.,	52,419	---	---	52,419	291	78	---	2	---	125	15,300
John Veith,*	Schuylkill,	P. & R.,	209,849	49,792	13,784	273,425	291	480	2	8	---	96,560	66,878
Pine Knot,	Schuylkill,	P. & R.,	188,354	18,623	---	206,977	291	370	1	6	---	107,427	7,187
Glendower,	Schuylkill,	P. & R.,	---	19,655	---	19,655	291	166	---	2	---	---	360
Thomaston,**	Schuylkill,	P. & R.,	---	---	---	---	---	---	---	---	---	---	---
Anchor Washery,	Schuylkill,	P. & R.,	849,264	231,404	17,533	1,118,201	---	2,271	9	38	50	250,214	275,214
Total,	---	---	15,726	1,324	---	17,050	41	72	---	---	---	1,067	12
Pine Hill Coal Co.	Schuylkill,	Penna.,	884,990	232,728	17,533	1,135,251	---	2,343	9	38	50	251,281	275,226
Pine Hill,	Schuylkill,	---	---	---	---	---	---	---	---	---	---	---	---
Sherman Coal Corporation	Schuylkill,	P. & R.,	259,362	43,800	1,640	304,802	276	746	---	16	250	29,000	98,100
Sherman,	Schuylkill,	---	---	---	---	---	---	---	---	---	---	---	---
York Farm Coal Co.	Schuylkill,	L. V.,	27,984	10	1,800	29,794	129	23	---	---	---	---	---
York Farm Washery,	Schuylkill,	---	---	---	---	---	---	---	---	---	---	---	---
Grand total,	---	---	2,007,603	401,845	23,762	2,499,270	---	5,246	29	86 ¹	300	536,364	660,226

¹Disability 60 days or more.

*Coal prepared at Otto breaker.

**Coal prepared at Pine Knot breaker.

TWENTIETH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh Valley Coal Co. Park, ----- Springdale Washery, -----	Schuylkill, Schuylkill, -----	L. V., ----- L. V., -----	421,872 20,974	90,331 855	4,236	516,439 21,839	294 57	538 59	5	10	25	118,700 600	165,350
Total, -----			442,846	91,186	4,236	538,268		917	5	10	25	119,300	165,950
P. & R. Coal & Iron Co. Ellangowan, ----- Knickerbocker, * ----- Maple Hill, ----- Mahanoy City, ----- North Mahanoy, ----- Saint Nicholas, ----- Suffolk, ** ----- Tunnel Ridge, -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill,	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	337,899 136,379 303,844 307,325 258,547 103,044 249,978 229,833	42,074 31,822 64,511 36,436 59,460 44,377 25,764 60,768	1,343	381,316 168,291 363,355 375,815 320,499 149,445 276,712 290,621	292 292* 294 292 292 294 **294 294	802 352 865 668 689 199 770 722	2 4 8 2 5 1 1	27 11 23 10 13 18 21	275 ----- ----- ----- 1,575 ----- ----- ----- -----	142,963 69,978 64,703 157,000 154,735 39,811 100,913 182,963	----- 14,891 67,000 50 ----- 50 ----- 4,425
Washeries Knickerbocker, ----- North Mahanoy, -----	Schuylkill, Schuylkill, -----	P. & R., ----- P. & R., -----	9,508 42,624	----- -----	----- -----	9,508 42,624	43 60	----- -----	----- -----	----- -----	----- -----	25 35	921 -----
Total, -----			52,132	-----	-----	52,132	-----	-----	-----	-----	-----	60	921
Grand total, -----			1,979,001	366,212	37,913	2,383,126	-----	5,067	23	139	1,850	913,126	87,937
			2,421,847	457,398	42,149	2,921,394	-----	5,984	28	149 ¹	1,875	1,032,426	253,287

**Coal prepared at Saint Nicholas breaker.

*Coal prepared at Ellangowan breaker.

¹Disability 60 days or more.

TWENTY-FIRST DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Cambridge Coal Co. Cambridge, -----	Schuylkill, -----	P. & R., -----	6,766	3,640	617	11,023	182	48	-----	-----	-----	9,000	-----
Lehigh Valley Coal Co. Packer No. 2, ----- Packer No. 3, ----- Packer No. 4, ----- Packer No. 5, -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, -----	L. V., ----- L. V., ----- L. V., ----- L. V., -----	216,905 131,495 173,553 503,509	17,619 ----- 76,630 66,545	----- 2,430 3,651	234,524 131,495 252,622 573,705	----- 291 437 294	328 179 437 719	----- 1 1 2	----- 1 12 5	----- ----- 12	122,675 24,225 88,450 246,293	----- ----- ----- -----
Total, -----	-----	-----	1,025,462	160,803	6,081	1,192,346	-----	1,663	4	18	12	431,643	-----
Locust Mountain Coal Co. Weston, -----	Schuylkill, -----	L. V., -----	530,457	6,955	1,854	539,266	290	862	3	3	74,350	452,831	-----
P. & R. Coal & Iron Co. Hammond, ----- Indian Ridge, ----- Kohinoor, ----- Shenandoah City, ----- Turkey Run, ----- West Shenandoah, -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, -----	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	263,839 177,879 12,804 299,557 623,036	85,106 20,836 12,804 46,022 64,029	4,387 ----- ----- 46,161 -----	353,333 198,915 12,804 301,740 687,115	294 293 294 294 294	657 455 222 724 591	2 2 5 3 10	8 10 5 17 10	----- 50 ----- ----- -----	92,070 112,429 41,794 91,676 114,800 50,312	72,057 ----- ----- 16,350 ----- 25,375
Plank Ridge Washery, -----	Schuylkill, -----	P. & R., -----	1,274,361 17,530	228,897 1,725	50,548 1	1,553,806 19,246	----- 43	3,207 89	12 -----	61 -----	50	503,181 290	114,782
Total, -----	-----	-----	1,291,881	230,622	50,549	1,573,052	-----	3,296	12	61	50	503,471	114,782
Raven Run Coal Co. Raven Run, -----	Schuylkill, -----	P. & R., -----	142,900	3,117	402	146,509	269	235	-----	1	2,125	15,774	31,488
Susquehanna Collieries Co. William Penn., -----	Schuylkill, -----	Penna., -----	202,061	35,763	1,957	239,811	249	484	-----	-----	-----	119,115	-----

× Production included with West Shenandoah Colliery.

Thomas Colliery Co.	P. & R.,	176,183	1,621	961	178,765	280	373	2	3	22,275	30,950
Kehley Run,	-----	-----	8,948	-----	39,194	78	130	1	-----	2,200	-----
Black Creek Washery No. 1,	-----	-----	459	-----	18,531	99	86	-----	-----	150	-----
Black Creek Washery No. 2,	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total,	-----	229,501	6,028	961	236,490	-----	539	3	3	24,625	30,950
Grand total,	-----	3,479,118	446,928	62,451	3,988,497	-----	7,126	22	86 ¹	1,606,459	177,220

¹Disability 60 days or more.

TWENTY-SECOND DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
East Bear Ridge Colliery Co. East Bear Ridge, -----	Schuylkill, -----	P. & R., -----	236,835	22,500	2,875	262,210	282	430	1	4	-----	111,800	-----
Harleigh-Brookwood Coal Co. Lawrence, -----	Schuylkill, -----	P. & R. & Penna., -----	331,481	52,214	-----	383,695	238	759	1	8	-----	213,658	25,508
Lehigh Valley Coal Co. Centralia, ----- Sayre, -----	Columbia, ----- Northumberland, -----	L. V., ----- L. V., -----	417,426 311,834	62,304 84,000	6,250 4,948	485,980 400,782	290 284	753 763	1 2	2 13	----- 60	325,877 257,974	-----
Continental Washery, -----	Columbia, -----	L. V., -----	729,260 90,156	146,304 1,660	11,195	886,762 91,816	116	1,516 35	3	15	60	583,851	-----
Total, -----	-----	-----	819,416	147,964	11,198	978,578	-----	1,551	3	15	60	583,851	-----
Laurel Coal Mining Co. Bickel, -----	Schuylkill, -----	P. & R., -----	21,436	190	-----	21,626	223	58	-----	1	-----	15,550	5,500
P. & R. Coal & Iron Co. Locust Gap, ----- Locust Spring, * ----- Potts, ----- Bast, ----- Gilberton, ----- Draper, ----- Boston Run, ----- Baneroff, -----	Northumberland, ----- Columbia, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, -----	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	506,367 239,225 238,667 193,068 149,806 104,144 87,132	90,155 42,295 58,240 70,447 35,396 45,768 11,521	2,309 11,722 15,664 6,875 ----- ----- -----	598,831 353,152 342,571 270,410 185,202 149,912 98,653	291 292 291 292 262 292 143	390 895 777 730 632 461 351 205	1 3 2 2 1 2 -----	12 19 19 17 10 5 3 6	----- 169,480 151,857 109,136 111,761 187,825 154,414 125 119,738 110,943 54,651	1,350 84,987 111,761 82,387 25 900 ----- -----	
Total, -----	-----	-----	1,608,429	353,732	36,570	1,998,731	-----	4,371	11	91	15,425	1,057,744	181,410

*Coal prepared at Locust Gap breaker.

Reppier Coal Co.	Columbia, -----	P. & R., -----	45,055	282	15	45,352	101	58	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Locust Run Washery, -----																			
Midvalley Coal Co.	Columbia, -----	L. V., -----	182,291	49,132	2,983	234,406	271	439	2	5	-----	142,850	28,850	-----	-----	-----	-----	-----	-----
Midvalley, -----																			
Girardville Mining Co.	Schuylkill, -----	P. & R., -----	97,189	32,941	-----	130,130	266	287	-----	6	-----	75,817	8,388	-----	-----	-----	-----	-----	-----
Girard, x x -----																			
Grand total, -----			3,342,132	638,955	53,641	4,054,728	-----	7,953	18	130 ¹	15,485	2,201,270	249,656	-----	-----	-----	-----	-----	-----

¹Disability 30 days or more.
x x Operated by W. R. McTurk Coal Co. previous to November, 1921.

TWENTY-THIRD DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Susquehanna Collieries Co.													
Pennsylvania, ---	Northumberland, ---	Penna., ---	345,076	65,444	5,403	415,983	269	834	2	13		52,467	210,275
Richards, ---	Northumberland, ---	Penna., ---	229,870	51,553		281,423	255	761	4	10		69,031	177,675
Scott, ---	Northumberland, ---	Penna., ---	315,513	68,999	6,361	390,873	267	785	6	17		57,825	197,375
Hickory Ridge Washery, ---	Northumberland, ---	Penna., ---	890,459	185,996	11,824	1,088,279		2,380	12	40		179,323	585,325
			20,512	4,068		24,580	51	21					
Total, ---			910,971	190,064	11,824	1,112,859		2,401	12	40		179,323	585,325
P. & R. Coal & Iron Co.													
Alaska, ---	Northumberland, ---	P. & R., ---	296,840	38,160		333,000	290	879	1	21		237,820	14,902
Reliance, ---	Northumberland, ---	P. & R., ---	221,256	40,338	40,406	302,000	288	675	3	10	450	50	116,450
Total, ---			518,096	78,498	40,406	635,000		1,554	4	31	500	391,882	131,352
Colonial Colliery Co.													
Natalie, ---	Northumberland, ---	P. & R., ---	306,994	25,285	1,341	333,620	274	639	2	1		63,500	176,800
Greenough Red Ash Coal Co.													
Greenough, ---	Northumberland, ---	Penna., ---	197,031	39,295	2,515	229,841	276	437	2			75,202	55,010
Excelsior Coal Co.													
Corbin, ---	Northumberland, ---	P. & R., ---	190,000	12,000	600	202,600	270	303	3	1	9,300	3,900	51,000
Enterprise Coal Co.													
Enterprise, ---	Northumberland, ---	P. & R., ---	144,921	54,750	816	200,487	259	594	2	1	40,825	19,147	157,555
Shamokin Red Ash Coal Co.													
Washery, ---	Northumberland, ---	Penna., ---	62,578	3,200		65,778	208	55					
Grand total, ---			2,330,591	392,092	57,502	2,780,185		6,033	25	741	50,625	732,964	1,157,042

1Disability 60 days or more.

TWENTY-FOURTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Buck Ridge Coal Mining Co. Buck Ridge, -----	Northumberland, -	Penna. & P. & R., -----	142,479	32,000	3,851	178,330	285	384	3	3	-----	113,550	200
P. & R. Coal & Iron Co. North Franklin, -----	Northumberland, -	P. & R., -----	388,658	32,630	7,083	408,371	289	834	4	18	150	342,153	-----
Bear Valley, -----	Northumberland, -	P. & R., -----	390,903	39,867	2,569	403,339	291	836	2	16	1,300	287,700	-----
Burnside, -----	Northumberland, -	P. & R., -----	384,327	53,745	23,666	461,738	292	696	-----	16	40,375	170,195	-----
Stirling, -----	Northumberland, -	P. & R., -----	297,550	65,594	40,752	373,896	293	261	1	10	27,750	44,891	27,912
Henry Clay, -----	Northumberland, -	P. & R., -----	-----	-----	-----	-----	-----	400	-----	9	225	38,300	57,663
Big Mountain, -----	Northumberland, -	P. & R., -----	-----	-----	-----	-----	-----	344	-----	9	1,125	164,771	-----
Total, -----	-----	-----	1,381,438	191,836	74,070	1,647,344	-----	3,371	7	78	70,925	1,048,100	85,515
Shipman Koal Co. Colbert, -----	Northumberland, -	Penna., -----	82,858	19,200	404	102,462	217	387	-----	3	-----	39,525	27,450
Susquehanna Collieries Co. Cameron, -----	Northumberland, -	Penna., -----	163,256	34,070	9,951	207,277	222	582	3	12	3,300	34,375	73,075
Luke Elder, -----	Northumberland, -	Penna., -----	240,296	35,347	3,307	278,950	253	607	1	7	2,800	85,539	75,450
Total, -----	-----	-----	403,552	69,417	13,253	486,227	-----	1,189	4	19	6,100	119,914	148,525
Trevorton Colliery Co. Katherine, -----	Northumberland, -	P. & R., -----	119,180	11,020	945	131,145	247	252	2	-----	-----	21,381	51,598
Grand total, -----	-----	-----	2,129,507	323,473	92,628	2,545,508	-----	5,563	16	103 ¹	77,025	1,342,470	313,288

¹Disability 60 days or more.

TWENTY-FIFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
P. & R. Coal & Iron Co.	Schuylkill,	P. & R.,	841,517	72,833	5,724	419,574	294	1,027	7	17	3,025	153,647	19,675
Lincoln,	Schuylkill,	P. & R.,	312,156	55,065	5,965	373,156	295	977	2	15	---	156,785	---
Brookside,	Schuylkill,	P. & R.,	206,216	74,234	8,765	289,155	295	588	2	11	75	109,896	12,066
Good Spring,	Schuylkill,	P. & R.,	148,894	---	---	148,894	295	334	3	4	---	154,850	---
Tower City,†	Schuylkill,	P. & R.,	154,311	---	---	154,311	295	290	2	6	---	172,725	---
Valley View,*	Schuylkill,	P. & R.,	70,257	5,401	3,007	78,665	147	265	1	1	---	46,222	---
Middle Creek,	Schuylkill,	P. & R.,	1,233,351	207,033	23,341	1,463,725	---	3,481	17	54	3,100	799,095	31,771
Washeries													
Rausch Creek,†	Schuylkill,	P. & R.,	22,359	8,787	---	31,146	54	139	---	---	---	23,925	---
Lincoln,	Schuylkill,	P. & R.,	26,355	---	---	26,355	41	63	---	---	---	250	---
Total,			48,714	8,787	---	57,501	---	202	---	---	---	24,175	---
Susquehanna Collieries Co.			1,282,065	215,820	23,341	1,521,226	---	3,633	17	54	3,100	823,270	31,771
Short Mountain,	Dauphin,	Penna.,	296,777	87,798	27,386	411,961	268	915	4	9	---	153,487	133,155
Williamstown,	Dauphin,	Penna.,	248,462	84,064	6,442	288,968	257	917	3	14	---	68,899	155,898
Washeries													
Short Mountain,	Dauphin,	Penna.,	545,239	121,862	33,828	700,929	---	1,832	7	23	---	222,386	289,151
Williamstown,	Dauphin,	Penna.,	19,165	3,865	---	23,030	144	16	---	---	---	---	---
Summit Slope Bank,	Dauphin,	Penna.,	16,667	65,817	---	82,484	344	25	---	---	---	---	---
	Dauphin,	Penna.,	7,255	152	---	7,437	253	6	---	---	---	---	---
Total,			43,117	69,834	---	112,951	---	47	---	---	---	---	---
Grand total,			588,356	191,696	33,828	813,880	---	1,879	7	23	---	222,386	289,151
			1,870,421	407,516	57,169	2,335,106	---	5,562	24	77†	3,100	1,045,656	320,922

†Disability 60 days or more.

*Coal prepared at Good Spring breaker.

†Opening drifts; no production.

††Coal prepared at Brookside breaker.

FIRST DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Barton Coal Co.	Lackawanna, -----	N. Y. O. & W.	34,908	-----	-----	34,908	91	53	-----	-----	-----	-----	-----
Barton Washery, -----	Lackawanna, -----	Truck to N. Y. O. & W., -----	3,900	-----	900	4,800	78	37	1	-----	7,500	-----	-----
Blakely Red Ash Coal Co.	Lackawanna, -----	D. & H., -----	10,458	500	3,110	14,068	108	90	-----	1	100	250	1,200
Carbondale Coal Mining Co.	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Boland, -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Clifford Coal Co.	Susquehanna, -----	Erie, -----	11,326	960	241	13,527	149	56	-----	-----	13,750	1,500	-----
Stillwater, -----	Susquehanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Connell Anthracite Coal Co.	Sullivan, -----	L. V., -----	93,972	25,000	3,619	122,591	115	524	2	6	43,925	6,275	1,625
Connell, -----	Sullivan, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grove Hill Coal Co.	Lackawanna, -----	Truck to N. Y. O. & W., -----	13,396	-----	3,119	16,515	143	55	-----	-----	125	-----	9,875
Grove Hill, -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hillside Coal & Iron Co.	Susquehanna, -----	Erie, -----	212,955	27,488	10,805	251,248	164	981	1	3	195,150	94,685	57,005
Forest City, -----	Susquehanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hillside Coal & Supply Co.	Lackawanna, -----	N. Y. O. & W.	1,578	55	732	2,365	75	49	-----	-----	500	1,000	-----
Hillside, -----	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hudson Coal Co.	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Wayne, -----	Wayne, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Clinton, -----	Wayne, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Clinton Washery, -----	Wayne, -----	D. & H., -----	273,383	11,827	4,745	280,955	-----	765	2	7	139,100	81,780	62,067
-----	Wayne, -----	-----	2,724	86	-----	2,810	15	x	-----	-----	-----	-----	-----
Total, -----	-----	-----	276,107	11,913	4,745	282,765	-----	765	2	7	139,100	81,780	62,067
Lackawanna Coal Co., Ltd.	Lackawanna, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lackawanna, -----	Lackawanna, -----	{Erie, -----}	122,163	26,269	15,755	164,187	139	551	1	2	57,500	51,075	-----
-----	Lackawanna, -----	{D. L. & W., -----}	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

x Included with colliery.

FIRST DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Mount Jessup Coal Co. Ltd. Mount Jessup No. 2, -----	Lackawanna, -----	{D. L. & W., N. Y. O. & W., Erie, ----- D. & H., -----}	158,071	1,200	4,276	163,547	160	570	1	4	54,575	2,540	46,300
Murray B. Coal Co. Simpson, -----	Lackawanna, -----	N. Y. O. & W., -----	4,664	50	80	4,794	94	40	-----	-----	1,000	-----	1,700
Northern Anthracite Coal Co. Murray, -----	Sullivan, -----	L. V., -----	68,741	6,000	2,956	77,697	108	218	2	-----	63,000	4,500	-----
Racket Brook Coal Co. Racket Brook, -----	Lackawanna, -----	D. & H., -----	85,093	1,125	2,807	89,025	150	354	-----	2	131,450	4,205	63,964
Richmondale Coal Co. Richmondale, -----	Lackawanna, -----	N. Y. O. & W., -----	12,260	515	169	12,944	124	46	-----	-----	-----	-----	3,000
Robertson Coal Co. Robertson Washery, -----	Lackawanna, -----	N. Y. O. & W., -----	22,857	125	2,100	25,082	95	40	-----	-----	-----	-----	-----
Scranton Coal Co. Ontario, -----	Lackawanna, -----	N. Y. O. & W., -----	99,743	28,468	2,578	130,789	155	582	-----	2	17,875	104,525	33,875
Ontario Washery, -----	Lackawanna, -----	N. Y. O. & W., -----	16,484	-----	322	16,806	40	× ×	-----	-----	-----	-----	-----
Total, -----	-----	-----	116,227	28,468	2,900	147,595	-----	582	-----	2	17,875	104,525	33,875
Superior Anthracite Coal Co. Nay-Aug. No. 2, -----	Lackawanna, -----	N. Y. O. & W., -----	1,850	120	50	2,020	60	34	-----	-----	-----	250	2,200
Temple Coal Co. Northwest, -----	Lackawanna, -----	{Erie, ----- N. Y. O. & W., -----}	69,057	7,799	1,138	77,994	149	314	-----	1	9,200	63,937	-----
Grand total, -----	-----	-----	1,319,833	137,587	59,502	1,516,922	-----	5,339	10	28 ¹	734,750	416,531	284,841

¹Disability 60 days or more.
× × Included with colliery.

SECOND DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Amerman Coal Co.	Lackawanna, -----	D. & H., -----	5,600	-----	-----	5,600	203	33	-----	1	75	200	-----
Armbald Coal Co.	Lackawanna, -----	D. & H., -----	78,728	3,210	2,865	84,803	160	341	-----	2	3,750	6,750	46,875
Hillside Coal & Iron Co.	Lackawanna, -----	Erie, -----	78,071	776	-----	78,847	158	381	-----	1	60,325	1,500	36,130
Hudson Coal Co.	Lackawanna, -----	D. & H., -----	380,524	35,947	2,898	420,369	151	1,336	1	8	230,340	33,562	41,669
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	391,626	9,558	5,808	317,082	143	1,025	1	7	126,700	4,130	91,570
Powderly, -----	Lackawanna, -----	D. & H., -----	227,396	25,813	9,813	263,022	153	946	2	2	112,875	17,006	46,316
Jermyn, -----	Lackawanna, -----	D. & H., -----	175,118	7,919	-----	183,037	125	806	5	11	76,675	20,336	101,224
Washeries	-----	-----	1,094,664	79,237	18,639	1,192,540	-----	4,113	9	28	546,550	75,034	279,779
Coal Brook, -----	Lackawanna, -----	D. & H., -----	10,068	14,025	-----	24,093	151	#	-----	-----	-----	-----	-----
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	20,090	552	-----	20,642	142	#	-----	-----	-----	-----	-----
Total, -----	-----	-----	30,758	14,577	-----	45,335	-----	-----	-----	-----	-----	-----	-----
Humbert Coal Co.	Lackawanna, -----	-----	1,125,422	93,814	18,639	1,237,875	-----	4,113	9	28	546,550	75,034	279,779
Sunnyside, -----	Lackawanna, -----	Erie, -----	66,323	3,600	612	70,535	165	265	-----	-----	24,525	5,575	35,000
Johnson Coal Co.	Lackawanna, -----	D. & H., -----	13,154	415	344	13,913	90	50	-----	-----	-----	-----	-----
Lackawanna Coal Mining Co.	Lackawanna, -----	N. Y. O. & W. -----	412	-----	775	1,187	92	21	-----	1	250	-----	1,000
Falls, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Murrin Coal Co.	Lackawanna, -----	N. Y. O. & W. -----	32,088	236	2,081	34,995	169	149	-----	1	-----	8,359	2,400

* Included with Coal Brook Colliery.

** Included with Gravity Slope Colliery.

* Stripping operation.

SECOND DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Rhondda Coal Co.	Lackawanna, -----	N. Y. O. & W.	71,897	-----	-----	71,897	176	54	-----	-----	-----	-----	-----
Rhondda Washery, -----	Lackawanna, -----	D. & H., -----	6,450	210	20	6,660	72	35	-----	-----	-----	-----	-----
Rose Coal Co.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Rose Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Scranton Coal Co.	Lackawanna, -----	N. Y. O. & W.	94,638	8,473	-----	103,111	150	441	-----	1	11,250	99,000	200
Raymond,† -----	Lackawanna, -----	N. Y. O. & W.	81,322	13,263	3,254	97,839	149	392	-----	-----	41,250	15,000	25,500
Riverside, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	175,990	21,736	3,254	200,980	-----	833	-----	1	52,500	114,000	25,700
Temple Coal Co.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Sterrick Creek, -----	Lackawanna, -----	Erle, -----	130,188	18,997	9,127	158,312	145	508	1	2	66,700	63,850	-----
Grand total, -----	-----	-----	1,784,823	142,994	38,317	1,965,024	-----	6,783	10	371	754,675	275,328	425,884

†Coal prepared at Ontario Colliery, 1st District.

*Disability 60 days or more.

THIRD DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Warren T. Acker & Others Pleasant Mount Washery, --	Lackawanna, ----	N. Y. O. & W., ----	23,471	†		23,471	67	18					
H. P. Decker Coal Co. Cayuga Washery, ----	Lackawanna, ----	D. L. & W., ----	11,672	2,037		13,709	107	23					
Glen Alden Coal Co. Diamond, ----	Lackawanna, ----	D. L. & W., ----	463,829	17,669		481,438	157	1,709	4	9	131,550	533,577	
Hudson Coal Co. Eddy Creek, ----	Lackawanna, ----	D. & H., ----	320,224	6,301	3,157	329,682	135	1,313	7	5	375,575		50,547
Marvine, ----	Lackawanna, ----	D. & H., ----	285,427	30,527	25,282	341,236	144	1,680	4	6	379,100	9,462	137,291
Eddy Creek Washery *	Lackawanna, ----	D. & H., ----	605,651	36,828	28,439	670,918		2,993	11	11	754,675	9,462	187,838
Total, ----			625,937	106,629	28,439	761,005		2,993	11	11	754,675	9,462	187,838
Legitts Creek Anthracite Co. Legitts Creek, ----	Lackawanna, ----	D. & H., ----	188,650	22,536	6,164	217,350	164	813	3	4	51,700	37,595	128,690
Mid-City Coal Co. Bulls Head, ----	Lackawanna, ----	N. Y. O. & W., ----	36,163	800	10,568	47,561	150	221			1,350	2,150	18,900
Seranton Coal Co. West Ridge, ----	Lackawanna, ----	N. Y. O. & W., ----						13 ¹					
Von Storch Collieries Co. Von Storch, ----	Lackawanna, ----	D. & H., ----	97,791	9,619	25,320	132,730	165	613	2	2	350	5,800	59,412
Grand total, ----			1,452,513	159,230	70,521	1,682,264		6,408	20	26 ¹	939,525	588,674	394,840

* Included with Eddy Creek Colliery.

† Not reported.

* Repairing.

1 Disability 60 days or more.

FOURTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co. Hyde Park, -----	Lackawanna, -----	D. L. & W., -----	68,224	-----	14,457	82,681	76	592	1	5	75,900	23,219	-----
Green Ridge Coal Co. Green Ridge, -----	Lackawanna, -----	{Erie, -----} {D. & H., -----}	16,121	3,254	6,003	25,378	90	150	-----	1	3,254	24,025	-----
Hudson Coal Co. Manville,* -----	Lackawanna, -----	D. & H., -----	177,768	10,674	-----	188,442	139	241	2	-----	91,225	480	6,231
Lackawanna Fuel Co. Lackawanna Washery, -----	Lackawanna, -----	{D. L. & W., -----} {N. Y. O. & W., -----}	67,704	180	3,236	71,120	295	38	-----	-----	-----	400	-----
Pennsylvania Coal Co. No. 5, -----	Lackawanna, -----	Erie, -----	151,936	12,104	21,392	185,432	165	570	1	5	156,200	1,850	32,400
Petersburg Coal Co. Park, -----	Lackawanna, -----	-----	2,041	-----	-----	2,041	153	16	-----	1	-----	-----	-----
Price-Pancoast Coal Co. Pancoast, -----	Lackawanna, -----	{N. Y. O. & W., -----} {D. L. & W., -----}	145,218	59,804	5,352	210,404	164	779	3	6	141,625	16,806	1,200
Scranton Coal Co. Pine Brooke Canouse,* -----	Lackawanna, -----	N. Y. O. & W., -----	197,063	17,897	64,588	279,548	159	1,084	2	6	215,000	33,450	17,050
Mount Pleasant, -----	Lackawanna, -----	N. Y. O. & W., -----	55,138	11,385	-----	66,523	147	329	1	1	40,000	8,000	58,000
-----	Lackawanna, -----	N. Y. O. & W., -----	12,869	2,917	7,244	23,030	123	171	-----	-----	5,625	-----	19,500
Total, -----	-----	-----	265,070	82,169	71,832	399,071	-----	1,584	3	7	290,625	41,450	94,550
Se-Rob Coal Co. Se-Rob, -----	Lackawanna, -----	{D. L. & W., -----} {N. Y. O. & W., -----}	51,761	-----	4,713	56,474	155	123	-----	-----	44,750	-----	-----
Grand total, -----	-----	-----	945,843	118,185	127,015	1,191,043	-----	4,096	10	25 ¹	773,479	108,220	134,381

*Coal prepared at Marvine breaker, 3rd District.

#Coal prepared at Johnson breaker, 6th District.

¹Disability 60 days or more.

FIFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Black Diamond Fuel Co.	Lackawanna, -----	D. & H., -----	15,732	-----	-----	15,732	215	14	-----	-----	-----	-----	-----
Minooka Washery, -----	Lackawanna, -----	D. & H., -----	42,774	1,545	7,404	51,723	337	14	-----	-----	-----	-----	-----
John Gibbons Coal Co.	Lackawanna, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Gibbons, -----	Lackawanna, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Glen Alden Coal Co.	Lackawanna, -----	D. L. & W., -----	8,681	1,442	407	10,530	10	611	4	1	6,975	1,813	1,451
National, -----	Lackawanna, -----	D. L. & W., -----	160,844	9,501	-----	170,345	142	688	1	6	150,075	63,777	-----
Baker, -----	Lackawanna, -----	D. L. & W., -----	62,532	7,596	-----	70,038	76	389	-----	3	43,800	17,362	-----
Sloan, -----	Lackawanna, -----	D. L. & W., -----	243,591	83	-----	243,674	160	847	4	4	108,000	147,024	-----
Archbald, -----	Lackawanna, -----	D. L. & W., -----	-----	-----	-----	-----	-----	116	1	1	110	-----	-----
Continental, # -----	Lackawanna, -----	D. L. & W., -----	-----	-----	-----	-----	365	67	-----	-----	-----	-----	-----
Hampton Power Plant, -----	Lackawanna, -----	D. L. & W., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	475,648	18,532	407	494,587	-----	2,698	10	15	311,010	230,176	1,451
Hudson Coal Co.	Lackawanna, -----	D. & H., -----	233,375	16,065	7,388	256,848	132	1,000	2	1	228,450	23,673	87,401
Greenwood, -----	Lackawanna, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Moffat Coal Co.	Lackawanna, -----	L. & W. V., -----	22,128	200	1,100	23,428	117	141	1	-----	2,000	-----	11,700
W. Y. Moffat, x x x -----	Lackawanna, -----	L. & W. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Park Hill Coal Co.	Lackawanna, -----	{D. & H., -----}	4,520	-----	1,249	5,769	85	35	-----	-----	1,250	6,580	-----
Park Hill, * -----	Lackawanna, -----	{D. L. & W., -----}	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Powell & Jennings	Lackawanna, -----	L. & W. V., -----	3,600	-----	-----	3,600	45	130	-----	1	250	500	-----
Rocky Glen, -----	Lackawanna, -----	L. & W. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Scranton Anthracite Coal Co.	Lackawanna, -----	N. Y. S. & W., -----	19,799	500	-----	20,299	167	240	-----	-----	25,250	4,325	29,575
Oak Hill, -----	Lackawanna, -----	N. Y. S. & W., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Slocum Hollow Coal Co.	Lackawanna, -----	D. & H., -----	9,465	321	2,567	12,354	87	30	-----	-----	-----	9,620	-----
Slocum, -----	Lackawanna, -----	D. & H., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	827,042	37,183	20,115	884,340	-----	4,392	13	171	563,210	274,879	130,127

x x x Formerly Carleton. x Stripping Operation. # Fighting mine fire. * Coal prepared at Slocum Colliery. 1 Disability 60 days or more.

SIXTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Bald Mountain Coal Co. Marshwood, x	Lackawanna, ----	D. L. & W., ----	15,437	1,933	283	17,703	125	94	---	---	3,125	2,725	3,250
John J. Boland Coal Co. Boland, ----	Lackawanna, ----	Erie, ----	4,598	20	3,512	8,130	163	30	---	---	2,175	450	1,750
Carney & Brown Coal Co. Carney & Brown, ----	Lackawanna, ----	{D. L. & W., ---- {Erie, ----	9,028	715	2,129	11,872	110	65	---	1	7,500	3,825	2,125
Glen Alden Coal Co. Storrs, ----	Lackawanna, ----	D. L. & W., ----	420,409	33,928	21,560	475,897	157	1,460	4	12	666,375	87,624	---
Hudson Coal Co. Olyphant, ----	Lackawanna, ----	D. & H., ----	355,593	48,146	16,777	420,516	140	1,446	2	5	332,050	---	95,977
Mount Jessup Coal Co., Ltd.	Lackawanna, ----	{D. L. & W., ---- {N. Y. O. & W., ---- {Erie, D. & H., ----	15,769	297	97	16,163	37	151	---	---	950	86	17,800
Mount Jessup No. 1, x	Lackawanna, ----	Erie, ----	23,109	1,000	---	24,109	115	156	---	1	250	1,000	1,000
Nay-Aug Coal Co.	Lackawanna, ----	Erie, ----	---	---	---	---	---	---	---	---	---	---	---
Pennsylvania Coal Co. No. 1, ----	Lackawanna, ----	Erie, ----	491,403	30,300	108	521,871	162	1,355	2	7	470,700	7,240	32,967
Underwood, ----	Lackawanna, ----	Erie, ----	337,473	24,294	4,852	416,619	171	1,170	5	6	392,475	193,570	---
Total, ----	---	---	878,876	54,654	4,960	938,490	---	2,525	7	13	893,175	200,810	32,967
Quinn Coal Co. No. 6 Washery, ----	Lackawanna, ----	Erie, ----	78,236	---	---	78,236	265	101	---	---	---	---	---
Scranton Coal Co. Johnson, ----	Lackawanna, ----	N. Y. O. & W., ----	59,665	14,643	4,098	77,406	123	400	---	---	17,500	12,925	---
Richmond No. 3, x x x	Lackawanna, ----	N. Y. O. & W., ----	33,109	7,257	---	39,336	127	240	1	1	50,000	16,400	---
Total, ----	---	---	90,774	21,900	4,098	116,772	---	640	1	1	67,500	28,425	---

x Coal prepared at Mount Jessup No. 2 breaker, 1st district.
x x x Coal prepared at Johnson breaker.

Spencer Coal Co. Spencer, -----	Lackawanna, -----	Erie, -----	38,681	1,500	12,270	52,451	161	199	-----	-----	2,650	7,050	2,850
Seranton Anthracite Coal Co. Blakely, x x -----	Lackawanna, -----	N. Y. O. & W.	12,502	-----	155	12,657	149	72	-----	-----	9,000	3,000	12,000
Seranton Anthracite Briquette Co. • Dickson-City Plant, -----	Lackawanna, -----	D. L. & W., --	6,073	1,297	-----	7,370*	40	55	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	1,949,085	165,440	65,841	2,180,366	-----	6,994	14	331	1,954,750	334,965	163,719

x x Coal prepared at Lackawanna breaker, 1st District.

*Coal obtained from culm bank, Storrs Colliery, Glen Alden Coal Co.

†Disability 60 days or more.

SEVENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.													
Taylor, -----	Lackawanna, -----	D. L. & W., -----	364,004	12,023	16,311	397,339	155	980	3	9	307,575	42,142	-----
Fyne, -----	Lackawanna, -----	D. L. & W., -----	263,478	10,633	3,602	277,733	156	790	1	3	206,125	10,857	569
Halstead, -----	Luzerne, -----	D. L. & W., -----	93,394	6,848	3,319	103,761	154	338	2	2	28,950	66,800	75
Total, -----			721,076	29,524	23,232	773,832	-----	2,108	4	14	602,650	119,799	641
Hillside Coal & Iron Co.													
Consolidated, -----	Luzerne, -----	Erie, -----	45,538	3,509	5,862	54,909	133	225	1	-----	47,275	2,756	-----
Jermyn & Co.													
Lackawanna, -----	Lackawanna, -----	{Erie, -----}	175,502	16,875	8,620	200,997	135	850	-----	2	112,500	115,900	20,500
Pennsylvania Coal Co.		{D. L. & W., -----}											
Old Forge, -----	Lackawanna, -----	Erie, -----	213,766	49,554	168	263,488	124	1,307	3	4	111,875	13,431	55,316
Central, -----	Luzerne, -----	Erie, -----	123,257	15,568	6,944	145,769	149	635	3	2	119,300	16,604	7,704
Total, -----			337,023	65,122	7,112	409,257	-----	1,942	6	6	231,175	30,085	63,020
Suffolk Coal Co.													
Avoca, -----	Luzerne, -----	D. & H., -----	134,062	3,240	6,625	143,927	162	482	1	1	8,900	4,737	54,100
Dennington Coal Co.													
Washery, -----	Lackawanna, -----	D. L. & W., -----	23,734	-----	-----	23,734	135	23	-----	-----	-----	-----	-----
Reap-Murphy Coal Co.													
Washery, -----	Lackawanna, -----	D. L. & W., -----	18,811	-----	-----	18,811	93	33	-----	-----	-----	-----	-----
Grand total, -----			1,455,746	118,270	51,451	1,625,467	-----	5,663	12	231	1,002,500	273,227	138,261

Disability 60 days or more.

EIGHTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillside Coal & Iron Co. Butler, -----	Luzerne, -----	Erie, -----	303,189	35,730	5,882	344,781	128	1,474	2	5	226,550	104,375	-----
Hudson Coal Co. Lafin,* -----	Luzerne, -----	D. & H., -----	135,998	9,019	1,113	146,130	133	561	2	2	93,900	22,948	43,223
Pennsylvania Coal Co. Number 14, -----	Luzerne, -----	Erie, -----	338,209	75,476	10,882	424,657	136	1,840	-----	10	328,350	81,139	5,322
Ewen, -----	Luzerne, -----	Erie, -----	300,819	48,814	689	350,302	145	1,729	1	8	246,950	92,128	76
Number 6, -----	Luzerne, -----	Erie, -----	246,951	24,761	12,961	283,973	146	1,814	1	12	268,660	95,102	11,855
Number 9, -----	Luzerne, -----	Erie, -----	336,054	36,729	11,563	383,336	156	1,632	1	9	224,000	55,591	64,729
Barnum, -----	Luzerne, -----	Erie, -----	50,920	15,451	3,047	69,418	121	369	-----	4	14,850	2,252	7,700
Total, -----	-----	-----	1,276,043	201,231	38,412	1,515,686	-----	7,374	3	43	1,083,400	326,212	89,681
Grand total, -----	-----	-----	1,716,220	245,980	45,387	2,006,597	-----	9,409	7	504	1,403,850	453,535	132,904

Note: The following companies operated during the year but the Inspector failed to obtain the proper reports: Benjamin Coal Co., East Pittston Coal Co., Pittston Fuel Co., Scranton Fuel Co., Yatesville Coal Co.

*Coal prepared at Pine Ridge breaker, 10th District.

†Disability 60 days or more.

NINTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
Harris-Denly Coal Co. Kintz, -----	Luzerne, -----	{L. V., -----} {D. L. & W., -----}	18,900	1,400	1,438	21,738	151	92	-----	-----	-----	6,950	10,500
Healey Coal Co. Troy, # -----	Luzerne, -----	L. V., -----	2,109	*	-----	2,109	32	48	1	-----	300	800	-----
John Ames Coal Co. Phoenix Washery, -----	Luzerne, -----	L. V., -----	10,742	75	-----	10,817	78	32	-----	-----	-----	-----	-----
John Flb Coal Co. Wyoming Washery, -----	Luzerne, -----	L. V., -----	10,755	77	-----	10,832	66	34	-----	-----	-----	-----	-----
Kingston Coal Co. Kingston No. 4, -----	Luzerne, -----	{D. L. & W., -----} {Penna. L. V., -----} {D. & H., -----} {C. R. R. of -----} {N. J. -----}	143,827	38,000	191	182,018	162	724	1	5	83,975	4,250	17,250
Lehigh Valley Coal Co. Exeter, ----- Westmoreland, ----- Maltby, ----- Seneca, -----	Luzerne, ----- Luzerne, ----- Luzerne, ----- {Lackawanna, -----}	L. V., ----- L. V., ----- L. V., ----- {D. & H., -----}	165,894 96,944 154,874 27,680	58,131 20,000 22,801 54,508	29,323 5,825 8,170 22,783	251,348 122,869 185,845 27,000	146 151 146 { 88 }	744 336 586 { 881 }	1 ----- 1 1	4 6 4 1	21,000 2,375 36,775 11,715	150,000 91,450 111,900 150,050	-----
Heidelberg, -----	Luzerne, -----	{L. V., -----} {D. & H., -----}	74,914	40,887	1,922	117,723	134	338	1	3	22,200	28,100	-----
Total, -----	-----	-----	680,622	194,417	68,023	943,062	-----	3,022	6	18	198,500	547,100	-----

*Power purchased.

#Coal prepared at Wyoming Washery.

Mount Lookout Coal Co. Mount Lookout, -----	D. L. & W., L. V., -----	75,103	18,123	7,460	100,686	117	380	2	2	8,500	91,800	-----
Temple Coal Co. Forty Fort, -----	L. V., -----	143,241	24,200	5,422	172,863	153	505	2	1	28,300	92,862	-----
Harry E., -----	L. V., -----	140,703	29,206	4,929	174,838	124	474	1	1	38,425	90,425	-----
Total, -----	-----	288,944	53,406	10,351	347,701	-----	979	3	2	67,725	183,287	-----
Grand total, -----	-----	1,226,002	305,498	87,403	1,618,963	-----	5,311	13	27 ¹	350,000	854,187	27,750

¹Disability 60 days or more.

TENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Central Coal Co. Wyoming, -----	Luzerne, -----	D. & H., -----	34,297	1,050	1,512	36,859	163	174	2	1	41,037	1,817	6,942
John Conlon Conlon, -----	Luzerne, -----	D. & H., -----	30,398	200	6,892	37,490	161	139	-----	1	18,750	1,450	13,650
East Boston Coal Co. East Boston, -----	Luzerne, -----	{D. L. & W., L. V., Penna., D. & H., -----}	71,535	45,625	3,847	121,007	137	545	1	1	1,122	4,734	24,930
Glen Alden Coal Co. Pettebone, -----	Luzerne, -----	D. L. & W., -----	343,492	31,917	8,008	383,507	162	968	1	4	159,225	40,339	106,785
Haddock Mining Co. Black Diamond, -----	Luzerne, -----	{L. V., ----- D. L. & W., -----}	90,904	11,800	8,923	111,632	151	368	1	1	15,625	10,500	29,400
Healey Coal Co. Miners Mills, -----	Luzerne, -----	L. V., -----	10,562	450	303	11,315	120	98	-----	-----	9,000	850	-----
Hudson Coal Co. Pine Ridge, ----- Delaware*, ----- Pine Ridge Washery, -----	Luzerne, ----- Luzerne, ----- Luzerne, -----	D. & H., ----- D. & H., ----- D. & H., -----	422,297 8,217 430,514	44,826 575 45,401	9,286 ----- 9,286	476,409 8,792 485,201	139 139 -----	1,084 629 1,713	2 1 3	3	137,175 198,925 336,100	23,756 26,142 55,898	70,207 109,482 179,689
Total, -----													
Lehigh Valley Coal Co. Henry*, ----- Mineral Spring, -----	Luzerne, ----- Luzerne, -----	L. V., ----- L. V., -----	249,847 147,395 397,212	46,894 16,171 63,065	6,671 6,826 13,497	303,412 170,362 473,774	155 146 -----	812 496 1,303	3 1 4	3	109,875 5,925 115,900	167,275 123,925 290,200	3,925 ----- 3,925
Total, -----													

*Included with Pine Ridge Colliery. *Coal prepared at Pine Ridge breaker. \$Coal prepared at Prospect breaker, 11th District.

Raub Coal Co. Louise, -----	Luzerne, -----	L. V., -----	38,486	1,200	9,599	49,285	110	297	-----	-----	-----	1,000	7,200	19,775
Traders Coal Co. Ridgewood, -----	Luzerne, -----	{ N. Y. S. & W. } { O. R. R. of } { N. J., ----- }	86,918	600	770	88,288	145	401	1	-----	-----	47,500	7,300	30,000
Wilkes-Barre Colliery Co. Madeira, -----	Luzerne, -----	D. & H., -----	95,413	1,305	1,983	98,706	151	395	-----	2	86,800	41,020	200	
Grand total, -----	-----	-----	1,684,731	202,613	64,720	1,902,064	-----	6,376	13	241	831,959	461,308	414,716	

¹Disability 60 days or more.

ELEVENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
Hillman Coal Co.	Luzerne,	L. V.,	23,822	5,400	849	30,071	71	236	1	6	28,750	3,110	1,509
Hudson Coal Co.	Luzerne,	D. & H.,	340,659	57,429	22,185	420,273	135	1,631	5	21	147,525	7,575	156,978
Baltimore No. 5,													
Lehigh & Wilkes-Barre Coal Co.	Luzerne,	C. R. R. of N. J.,	73,535	20,736	58,031	152,302	158	641	3	2	97,975	21,484	51,850
Hollenback No. 2,	Luzerne,	C. R. R. of N. J.,	150,534	23,574	88,424	262,532	157	823		11	625	9,013	151,302
South Wilkes-Barre No. 5,	Luzerne,	C. R. R. of N. J.,	397,703	26,067	30,053	423,823	100	1,342	2	8	180,000	19,824	164,375
Stanton No. 7,													
Empire Washery,	Luzerne,	C. R. R. of N. J.,	591,792	70,377	176,508	838,677		2,806	5	21	278,000	50,321	367,387
Total,			615,095	74,203	184,943	874,241		2,850	5	21	278,600	50,321	367,587
Lehigh Valley Coal Co.	Luzerne,	L. V.,	230,724	38,730	45,735	315,199	152	899	4	14	133,525	113,075	
Dorrance, Prospect,	Luzerne,	L. V.,	158,347	54,211	9,016	221,574	155	793	3	9	100,525	67,825	16,625
Total,			389,081	92,941	54,751	536,773		1,692	7	23	234,050	180,400	16,625
Red Ash Coal Co.	Luzerne,	C. R. R. of N. J.,	22,809	2,973	5,910	31,692	46	218		2	750	1,300	3,400
Red Ash No. 2,													
Grand total,			1,391,466	232,946	268,638	1,893,050		6,687	18	73 ¹	689,675	242,706	546,000

¹Disability 50 days or more.

TWELFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Cullen Fuel Co., Inc.	Luzerne,	(D. L. & W.,	26,195	200	350	26,745	118	36					
Plymouth Washery,		{C. R. R. of											
		{N. J.,	658,407		10,309	668,716	162	1,771	7	11	324,225	16,775	200,700
Glen Alden Coal Co.	Luzerne,	D. L. & W.,					162						
Woodward,	Luzerne,	D. L. & W.,					365	37	1				
Woodward Bank,	Luzerne,	D. L. & W.,											
Nanticoke Power Plant, x	Luzerne,												
Total,			658,407		10,309	668,716		1,808	8	11	324,225	16,775	200,700
Hudson Coal Co.	Luzerne,	D. & H.,	584,321	67,171	26,286	677,778	133	2,419	2	11	480,850	52,395	11,889
Loree No. 5,	Luzerne,	D. & H.,	2,066	1,078		3,144	133						
Loree Washery,													
Total,			586,387	68,249	26,286	680,922		2,419	2	11	480,850	52,395	11,889
Kingston Coal Co.	Luzerne,	(D. L. & W.,											
Kingston No. 2,		{Penna. D. &	155,936	13,000	36,988	205,924	161	806	2	1	113,725	3,425	2,265
Gaylord,	Luzerne,	{H. C. R. R. of	48,942	11,000	2,640	62,582	100	317			11,625	8,800	
		{N. J. L. V.,											
Total,			204,878	24,000	39,628	268,506		1,123	2	1	125,350	12,225	2,265
Larksville Coal Co.	Luzerne,												
Black Diamond, \$			4,315			4,315	166	45				50	950

Included with Woodward Colliery.

* Included with Loree No. 5 Colliery.

x Furnishes power for Woodward Colliery.

\$ Coal prepared at Black Diamond Colliery, 10th District.

TWELFTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	C. R. R. of N. J., -----	256,659	26,024	18,426	301,109	160	868	1	10	226,975	4,854	48,418
Nottingham No. 15, -----	Luzerne, -----	C. R. R. of N. J., -----	259,434	31,730	35,786	326,950	159	919	4	12	119,075	12,610	5,042
Nottingham Bank, -----	Luzerne, -----	C. R. R. of N. J., -----	-----	-----	-----	× ×	159	× ×	-----	-----	-----	-----	-----
Total, -----	-----	-----	516,093	57,754	54,212	628,059	-----	1,787	5	22	346,050	17,464	53,490
Plymouth Red Ash Coal Co. Red Ash, -----	Luzerne, -----	D. L. & W., -----	9,153	193	2,413	11,759	165	47	-----	-----	-----	50	1,500
Grand total, -----	-----	-----	2,005,428	150,396	133,198	2,289,022	-----	7,265	17	45 ¹	1,276,475	98,959	270,794

¹Disability 60 day or more.
× × Included with Nottingham No. 15 Colliery.

THIRTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Glen Alden Coal Co.													
Truesdale, -----	Luzerne, -----	D. L. & W., -----	742,642	46,142	6,536	795,320	154	1,979	6	10	145,175	55,175	405,900
Loomis, -----	Luzerne, -----	D. L. & W., -----	421,655	15,795	5,884	443,334	155	1,023	2	1	9,800	9,800	280,950
Avondale, -----	Luzerne, -----	D. L. & W., -----	138,369	21,956	3,626	163,930	137	513	---	1	20,725	9,296	42,525
Total, -----			1,302,666	83,932	16,046	1,402,584	---	3,515	8	12	165,900	74,271	739,375
George F. Lee Coal Co.													
Chauncey, -----	Luzerne, -----	D. L. & W., -----	22,024	---	921	22,945	94	185	1	1	600	7,512	---
Lehigh Valley Coal Co.													
Franklin, -----	Luzerne, -----	L. V., -----	163,665	27,925	6,473	198,063	144	630	3	---	12,125	102,775	---
Warrior Run, *	Luzerne, -----	L. V., -----	52,618	8,444	674	61,736	155	196	---	1	700	37,425	---
Total, -----			276,283	36,369	7,147	259,799	---	826	3	1	12,825	140,200	---
Lehigh & Wilkes-Barre Coal Co.													
Sugar Notch No. 9, -----	Luzerne, -----	O. R. R. of N. J., -----	290,987	12,329	3,905	277,221	161	560	7	5	1,800	11,169	147,107
Maxwell No. 20, -----	Luzerne, -----	O. R. R. of N. J., -----	271,315	20,045	19,023	310,383	160	1,025	4	10	31,225	10,966	155,450
Buttonwood No. 22, -----	Luzerne, -----	O. R. R. of N. J., -----	161,929	26,164	2,636	190,729	154	580	---	2	---	1,923	127,575
Total, -----			624,231	58,538	25,564	778,333	---	2,465	11	17	33,025	24,058	430,132
Pittston Coal Mining Co.													
Hadleigh, -----	Luzerne, -----	C. R. R. of N. J., -----	70,606	12,450	826	83,882	161	280	1	1	---	20,000	---
West Nanticoke Coal Co.													
West Nanticoke, -----	Luzerne, -----	Penna., -----	45,083	930	---	46,013	126	156	---	---	4,950	7,030	1,100
Grand total, -----			2,350,833	192,219	50,504	2,598,556	---	7,427	24	321	217,300	273,071	1,170,607

*Coal prepared at Prospect breaker, 11th District.

*Disability 60 days or more.

FOURTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Alden Coal Co.	Luzerne, -----	C. R. R. of	153,636	9,476	6,548	169,000	129	696	2	5	68,675	-----	35,483
Alden, -----	Luzerne, -----	C. R. R. of	58,679	-----	143	58,822	139	28	-----	-----	-----	-----	-----
Alden Washery, -----	-----	N. J., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	211,715	9,476	6,691	227,882	-----	724	2	5	68,675	-----	35,483
East Alden Mining Co.	Luzerne, -----	L. V., -----	19,919	114	-----	20,033	100	62	-----	-----	-----	300	8,550
East Alden, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Glen Alden Coal Co.	Luzerne, -----	D. L. & W., -----	182,657	6,478	-----	189,135	151	410	3	1	-----	900	106,350
Auchincloss, S. -----	Luzerne, -----	D. L. & W., -----	331,892	37,768	5,133	374,763	158	894	1	5	40,575	21,864	143,375
Bliss, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	514,519	44,246	5,133	563,896	-----	1,304	4	6	40,575	22,764	250,325
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	C. R. R. of	373,729	14,364	5,271	393,364	156	1,065	2	2	14,775	32,420	172,021
Wanamie No. 18, -----	Luzerne, -----	C. R. R. of	104,999	#21,929	-----	126,928	168	73	-----	-----	-----	-----	-----
Wanamie Washery, -----	-----	N. J., -----	478,728	36,293	5,271	520,292	-----	1,138	2	2	14,775	32,420	172,021
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nanticoke Valley Coal Co.	Luzerne, -----	Penna., -----	30,034	-----	-----	30,034	72	84	-----	-----	-----	-----	-----
No. 5 Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
E. S. Stackhouse Coal Co.	Luzerne, -----	D. L. & W., -----	47,499	920	1,110	49,529	151	223	1	-----	1,000	17,375	15,325
Salem, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

sCoal prepared at Loomis Breaker, 13th District.

#Used for steam and heat at Wanamie No. 18 Colliery.

Susquehanna Coaleries Co	Luzerne, -----	Penna., -----	353,225	25,724	4,742	332,691	151	1,244	2	2	39,375	80,345	42,505
Number 6, -----	Luzerne, -----	Penna., -----	386,963	29,008	28,001	443,972	154	2,031	3	14	189,830	25,571	107,177
Number 7, -----													
Nanticoke Washery, -----	Luzerne, -----	Penna., -----	740,188	54,732	32,743	827,663	186	3,268	5	16	229,425	105,916	149,682
			61,898	62,659	-----	124,557		57		1			
Total, -----			802,080	117,391	32,743	952,220		3,325	5	17	229,425	105,916	149,682
West End Coal Co.	Luzerne, -----	Penna. & C. R.											
West End, -----		R. of N. J., -----	318,200	11,555	9,232	339,047	143	1,057	1	1	4,775	29,000	80,650
Grand total, -----			2,422,760	219,995	60,180	2,702,935	-----	7,917	15	31 ¹	359,825	207,775	712,036

¹Disability 60 days or more.

FIFTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Black powder	Dyna- mite	Per- missible
Coxe Brothers & Co., Inc. Drifton Nos. 1, 2, 9, 10, ---	Luzerne, ---	L. V., ---	141,638	53,176	12,808	207,762	154	664	---	4	2,275	92,832	---
Eckley & Buck Mountain,* ---	Luzerne, ---	L. V., ---	170,792	12,492	3,712	186,996	158	380	1	1	---	51,503	---
Doringer, Gowan & Tomhicken, # ---	Luzerne, ---	L. V., ---	185,340	1,280	3,381	190,001	154	722	1	---	---	137,897	---
Total, ---	---	---	497,820	66,948	19,991	584,759	---	1,766	2	5	2,275	282,142	---
East Point Coal Co. Pond Creek, ---	Luzerne, ---	C. R. R. of N. J., ---	13,400	61	211	13,672	98	104	---	---	---	2,245	6,130
Jeddo-Highland Coal Co. Highland No. 2, ---	Luzerne, ---	L. V., ---	80,457	30,454	6,793	117,704	138	440	1	2	---	50,479	---
Highland No. 5, ---	Luzerne, ---	L. V., ---	217,915	20,321	546	238,782	146	532	---	2	---	107,431	---
Jeddo No. 4, ---	Luzerne, ---	L. V., ---	266,544	32,755	8,167	307,464	160	1,015	13	---	---	207,478	---
Jeddo No. 7, ---	Luzerne, ---	L. V., ---	146,852	9,601	12,743	168,695	140	308	---	1	---	55,575	---
Total, ---	---	---	711,768	92,619	28,249	832,636	---	2,295	1	18	---	420,983	---
M. S. Kemmerer & Co. Sandy Run, ---	Luzerne, ---	C. R. R. of N. J., ---	42,034	961	1,217	44,212	166	162	---	1	---	404	14,623
Lehigh Valley Coal Co. Hazleton No. 1, ---	Luzerne, ---	L. V., ---	112,406	10,854	47,667	170,927	145	458	4	2	---	61,020	---
Hazleton Shaft, ---	Luzerne, ---	L. V., ---	152,666	34,254	4,901	191,821	151	825	1	2	---	123,195	---
Total, ---	---	---	265,072	45,108	52,568	362,748	---	1,283	5	4	---	184,224	---

*Coal prepared at Drifton and Hazleton Shaft breakers.

Coal prepared at Hazleton Shaft breaker.

Pardee Brothers & Co., Inc. Lattimer, -----	Luzerne, -----	L. V., -----	301,845	38,373	13,457	353,675	156	1,028	-----	5	-----	229,200	-----
Wentz Co. Upper Lehigh, -----	Luzerne, -----	C. R. R. of N. J., -----	84,882	7,125	1,176	33,183	167	282	-----	3	-----	62,208	-----
J. S. Wentz Co. Hazle Brook, -----	Luzerne, -----	L. V., -----	43,931	10,792	320	55,053	68	189	2	1	-----	11,975	-----
Wolf Collieries Co. Wolf, x -----	Luzerne, -----	L. V., -----	21,758	-----	-----	21,758	156	91	-----	-----	-----	18,400	-----
Grand total, -----	-----	-----	1,982,510	291,987	117,199	2,361,696	-----	7,200	10	371	2,275	1,211,761	20,813

x Coal prepared at Drifton Colliery.

1 Disability 60 days or more.

SIXTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Beaver Valley Coal Co.	Columbia,	Penna.,	35,426	2,680	235	38,341	145	150	---	2	10,500	8,925	4,475
Scotch Valley, -----													
Campion Coal Co.	Schuylkill,	P. & R.,	6,295	---	---	6,295	54	25	---	1	---	---	---
Silver Brook Washery, -----													
Candlemas Collieries Co.	Schuylkill,	P. & R.,	16,469	---	---	16,469	86	46	---	---	---	---	---
Candlemas Washery, -----													
Coxe Brothers & Co., Inc.	Carbon,	L. V.,	132,862	14,119	6,673	153,654	153	454	1	4	---	85,472	---
Beaver Meadow, -----													
Onsida, x -----	Schuylkill,	L. V.,	129,713	11,882	1,066	142,661	148	542	---	2	---	77,213	---
Total, -----			262,575	26,001	7,739	296,315	---	996	1	6	---	162,685	---
Cranberry Creek Coal Co.	Luzerne,	L. V.,	335,987	24,297	130,184	490,468	148	1,222	1	9	---	18,475	155,753
Cranberry, -----													
Charles M. Dodson & Co.	Luzerne,	{ L. V., C. R. }	170,485	2,384	3,486	176,355	109	504	---	3	12,700	63,875	---
Beaver Brook, -----		{ R. of N. J., -- }											
Evans Colliery Co.	Carbon,	L. V.,	45,491	600	837	46,948	134	180	---	---	---	3,250	27,425
Evans, -----													
Harwood Coal Co.	Luzerne,	L. V.,	54,441	---	21,725	76,166	150	392	---	1	---	---	32,125
Harwood, -----													
Lehigh & Wilkes-Barre Coal Co.	Schuylkill,	C. R. R. of	110,945	41,763	5,246	157,954	{ 156 }	598	---	2	116	81,750	560
Andenried No. 4, -----		{ N. J., ----- }											
	Carbon,	{ C. R. R. of }	75,252	---	---	75,252	{ }	138	---	4	59	40,877	280
		{ N. J., ----- }											
Honey Brook No. 5, -----	Schuylkill,	C. R. R. of	186,197	41,793	5,246	233,236	---	736	---	6	175	122,627	840
		{ N. J., ----- }											
		{ C. R. R. of }	140,501	17,335	---	157,836	145	596	---	7	11,625	65,100	---
		{ N. J., ----- }											
Total, -----			326,638	59,198	5,246	391,072	---	1,322	---	13	11,800	187,727	840

Lehigh Valley Coal Co.	L. V.,	69,847	23,697	4,700	98,244	141	484		4		35,225	
Spring Mountain,	L. V.,	31,923	4,348		36,271	141	198		2		16,153	
Spring Brook, x												
Spring Brook Washery	L. V.,	101,770	28,045	4,700	134,515	13	682		6		51,378	
Total,		1,922			1,922		#					
Estate A. S. Van Wickle	L. V., C. R.	103,692	28,015	4,700	136,437		682		6		51,378	
Ooleralne,	{R. of N. J.,											
	{P. & R.,	66,429	60,592	2,661	129,682	167	385		4		35,500	
Grand total,		1,423,988	263,727	176,233	1,863,948		5,984	2	45 ¹	35,000	531,815	220,618

xCoal prepared at Spring Mountain Colliery.

#Employees included with Spring Brook.

¹Disability 60 days or more.

SEVENTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh Coal & Navigation Co.													
Nesquehoning, -----	Carbon, -----	L. & N. E. { C. R. R. of N. J., -----	419,222	9,236	10,564	439,022	165	1,354	4	14	28,596	185,151	53,153
Lansford, -----	Carbon, -----	L. & N. E., -----	457,591	58,711	16,587	542,889	163	1,716	1	18	-----	373,602	41,248
Coaldale, -----	{ Carbon, -----	L. & N. E., -----	164,666	21,853	8,008	194,527	156	668	-----	6	10,000	114,192	31,256
Greenwood, -----	Schuylkill, -----	L. & N. E., -----	185,686	24,643	9,031	219,330	159	753	1	7	11,675	120,000	38,630
Rahn, -----	Schuylkill, -----	L. & N. E., -----	232,917	32,143	89	265,149	162	813	1	7	-----	83,250	1,350
	Schuylkill, -----	I. & N. E., -----	262,558	7,423	6,565	276,576	162	805	3	9	-----	137,156	23,970
Washeries			1,782,670	154,009	50,844	1,937,523	-----	6,109	10	61	50,270	1,014,351	192,027
Hauto, -----	Carbon, -----	L. & N. E., -----	102,173	948	3,762	106,883	141	86	-----	-----	-----	-----	7,000
Ashton, -----	Carbon, -----	L. & N. E., -----	48,753	6,052	2,507	57,312	91	111	-----	1	-----	-----	4,468
			150,926	7,000	6,269	164,195	-----	197	-----	1	-----	-----	11,468
Total, -----			1,883,596	161,009	57,113	2,101,718	-----	6,306	10	631	50,270	1,014,351	203,495

Disability 60 days or more.

EIGHTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Alliance Coal Mining Co.	Schuylkill,	P. & R.,	136,670	8,475	1,138	146,283	161	569	—	4	—	34,502	58,140
Alliance,	Schuylkill,	Truck to P. & R.,	6,922	750	3,421	11,293	153	41	—	—	—	—	3,000
Bergen Coal Co.	Schuylkill,	P. & R.,	29,020	2,000	1,749	32,769	108	100	—	—	—	—	10,000
Gorman & Crompton Coal Co.	Schuylkill,	P. & R.,	—	—	—	—	—	9	—	—	—	—	—
Bel,	Schuylkill,	P. & R.,	—	—	—	—	—	—	—	—	—	—	—
Hudson Coal Co.	Schuylkill,	P. & R.,	—	—	—	—	—	—	—	—	—	—	—
Milford Drift,*	Schuylkill,	P. & R.,	—	—	—	—	—	—	—	—	—	—	—
Lehigh Coal & Navigation Co.	Schuylkill,	L. & N. E.,	213,030	34,727	3,646	251,403	162	777	—	7	—	145,135	28,245
Tamaqua,	Schuylkill,	L. & N. E.,	6,619	18	188	6,825	54	13	—	—	—	—	—
Arlington Washery,	Schuylkill,	—	219,649	34,745	3,834	258,228	—	790	—	7	—	145,135	28,925
Total,	Schuylkill,	L. V.,	194,037	36,155	1,637	231,909	157	700	5	—	—	21,682	135,075
Lehigh Valley Coal Co.	Schuylkill,	P. & R., O. R. R. of N. J.	133,324	34,477	7,034	174,835	160	438	1	7	—	—	76,720
Buck Mountain,	Schuylkill,	{ L. V., } { Penna., }	112,107	2,160	1,001	115,277	168	393	1	1	—	58,014	—
Maryd Coal Co.	Schuylkill,	—	29,053	135	—	29,188	108	110	—	—	—	—	18,593
Mill Creek Coal Co.	Schuylkill,	—	27,818	2,788	—	30,607	166	118	—	—	—	—	23,763
Morea,	Schuylkill,	—	168,978	5,098	1,001	175,072	—	621	1	1	—	103,370	—
Middle Lehigh,	Schuylkill,	—	—	—	—	—	—	—	—	—	—	—	—
Wolf Creek,	Schuylkill,	—	—	—	—	—	—	—	—	—	—	—	—
Total,	Schuylkill,	—	—	—	—	—	—	—	—	—	—	—	—

*Not producing; old mine reopened in 1921.

EIGHTEENTH DISTRICT, 1922--Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used--pounds		
Philadelphia & Reading Coal & Iron Co.											Black powder	Dyna- mite	Per- missible
Silver Creek, -----	Schuylkill, -----	P. & R., -----	269,875	46,222	5,332	351,429	162	915	-----	10	-----	171,602	25
Eagle Hill, -----	Schuylkill, -----	P. & R., -----	100,008	48,335	8,644	217,687	140	787	1	9	-----	70,790	54,765
Wadesville, -----	Schuylkill, -----	P. & R., -----	146,217	59,849	16,273	222,339	161	826	1	11	-----	28,828	63,552
Revestdale, -----	Schuylkill, -----	P. & R., -----	112,892	5,376	5	118,183	122	232	-----	2	25	8,926	8,018
Pine Forest, -----	Schuylkill, -----	P. & R., -----	52,138	2,978	6	55,122	81	138	-----	-----	-----	960	3,150
Schuylkill Washery, -----	Schuylkill, -----	P. & R., -----	771,640	162,760	30,260	964,660	-----	2,908	2	32	25	281,076	126,540
Total, -----			47,657	1,437	-----	49,094	70	67	-----	-----	-----	175	-----
St. Clair Coal Co.			819,297	164,197	30,260	1,013,754	-----	2,975	2	32	25	281,251	126,540
St. Clair, -----	Schuylkill, -----	P. & R., -----	233,822	14,000	7,884	255,696	218	652	2	5	5,650	103,664	-----
Schuylkill Valley Coal Co. Progressive, -----	Schuylkill, -----	P. & R., -----	25,144	3,360	3,098	31,602	168	95	-----	-----	-----	9,400	1,750
Thouron Coal Co.			-----	320	-----	-----	-----	-----	-----	-----	-----	-----	-----
Thouron Washery, -----	Schuylkill, -----	P. & R., -----	27,423	-----	-----	27,743	139	18	-----	-----	-----	-----	-----
Grand total, -----			1,894,386	303,572	61,296	2,359,184	-----	7,018	11	56 ¹	5,675	701,004	440,150

¹Disability 60 days or more.

NINETEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Black Heath Coal Co. Black Heath, -----	Schuylkill, -----	Truck, -----	5,706	255	94	6,055	133	21	1	-----	-----	-----	4,275
Buck Run Coal Co. Buck Run, -----	Schuylkill, -----	P. & R., -----	139,234	31,025	2,095	192,354	164	545	2	7	-----	39,638	57,569
Butcher Creek Coal Co. Laurel Run, -----	Schuylkill, -----	P. & R., -----	9,168	1,500	32	10,700	158	40	-----	-----	-----	325	1,000
Cullen Fuel Co., Inc. Wolf Creek Washery, -----	Schuylkill, -----	P. & R., -----	14,053	250	-----	14,303	95	40	-----	-----	-----	-----	-----
Gardner Coal Co. Gardner Washery, -----	Schuylkill, -----	P. & R., -----	39,019	17	-----	39,036	172	40	-----	-----	-----	-----	-----
Lytle Coal Co. Lytle, -----	Schuylkill, -----	Penna. & P. & R., -----	146,308	44,678	4,032	195,038	149	676	1	7	-----	21,291	66,088
Lytle Washery, -----	Schuylkill, -----	Penna. & P. & R., -----	20,262	795	-----	21,057	67	37	-----	-----	-----	-----	-----
Total, -----	-----	-----	166,570	45,473	4,032	216,095	-----	713	1	7	-----	21,291	66,088
P. & R. Coal & Iron Co. Otto, -----	Schuylkill, -----	P. & R., -----	108,046	50,691	1,993	160,550	161	626	-----	-----	75	20,933	30,104
John Veith, x Schuylkill, -----	Schuylkill, -----	P. & R., -----	17,531	-----	-----	17,531	161	78	-----	-----	-----	25	6,275
Pine Knot, Schuylkill, -----	Schuylkill, -----	P. & R., -----	112,925	45,570	15,208	173,703	161	592	1	8	-----	51,800	42,904
Glendower, # Schuylkill, -----	Schuylkill, -----	P. & R., -----	108,984	17,174	-----	126,158	161	326	-----	-----	-----	61,941	4,635
Thomaston, # Schuylkill, -----	Schuylkill, -----	P. & R., -----	14,216	-----	-----	14,216	161	186	-----	-----	-----	-----	-----
Phoenix Park, -----	Schuylkill, -----	P. & R., -----	117,437	34,216	1,408	153,291	160	512	5	4	-----	3,824	72,779
Anchor Washery, -----	Schuylkill, -----	P. & R., -----	465,123	161,777	18,519	645,419	-----	2,240	6	31	75	138,553	156,697
Total, -----	-----	-----	21,947	2,824	-----	24,271	74	81	-----	-----	-----	1,188	-----
-----	-----	-----	487,670	164,101	18,519	690,690	-----	2,321	6	31	75	139,739	156,697

x Coal prepared at Otto Colliery.

Coal prepared at Pine Knot Colliery.

NINETEENTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Pine Hill Coal Co.													
Pine Hill, -----	Schuylkill, -----	Penna., -----	177,079	39,150	1,451	217,680	157	718	2	6	-----	22,165	61,804
Oak Hill, -----	Schuylkill, -----	Penna., -----	77,208	3,680	108	80,996	80	470	1	4	-----	4,196	25,650
Total, -----	-----	-----	254,287	42,830	1,559	298,676	-----	1,188	3	10	-----	26,361	87,454
Reppler Coal Co.													
New Castle, -----	Schuylkill, -----	Penna., -----	100,020	18,000	951	118,971	161	366	1	1	-----	23,464	7,510
Sherman Coal Corp.													
Sherman, -----	Schuylkill, -----	Truck, -----	18,563	-----	20,000	38,563	249	62	-----	-----	-----	11,352	11,352
York Farm Coal Co.													
York Farm Washery, -----	Schuylkill, -----	L. V., -----	93,467	52	10,688	104,207	285	34	-----	-----	-----	50	-----
Grand total, -----	-----	-----	1,347,187	303,563	57,990	1,708,650	-----	5,370	14	56 ¹	75	262,270	392,345

¹Disability 60 days or more.

TWENTIETH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
P. & R. Coal & Iron Co.	Schuylkill,	P. & R.,	141,461	43,263	95	184,819	163	648	1	10	130,685		1,127
Tunnel Ridge, -----	Schuylkill,	P. & R.,	177,662	30,908	26,387	234,957	166	696	2	9	85,335		
Mahanoy City, -----	Schuylkill,	P. & R.,	144,606	40,006	4,413	189,025	159	655	1	9	100	78,949	
North Mahanoy, -----	Schuylkill,	P. & R.,	59,637	24,348		83,985	162	332	1	5		53,347	
Boston Run, -----	Schuylkill,	P. & R.,	182,541	29,594	1,370	213,504	162	815	1	21		72,304	
Ellangowan, -----	Schuylkill,	P. & R.,	78,931	16,335		95,266	162	313	1	1		42,762	4,363
Knekerbocker, # -----	Schuylkill,	P. & R.,	80,466	38,456	1,644	120,566	164	514	2	8		24,808	
Saint Nicholas, -----	Schuylkill,	P. & R.,	132,887	10,152		143,039	164	438		4		60,379	
Suffolk, # # -----	Schuylkill,	P. & R.,	173,380	42,699	17	216,006	165	816	1	10		31,716	32,590
Maple Hill, -----	Schuylkill,	P. & R.,	1,171,571	275,671	33,925	1,481,167		5,227	10	77	100	570,455	37,690
Washeries	Schuylkill,	P. & R.,	64,401		237	64,638	127	19					
Knekerbocker, # -----	Schuylkill,	P. & R.,											
North Mahanoy, -----													
Total, -----			1,235,972	275,671	34,132	1,545,825		5,246	10	77	100	570,455	37,690
Lehigh Valley Coal Co.	Schuylkill,	L. V.,	230,975	41,987	5,366	278,228	157	801	4	1	25	63,430	92,018
Park, -----	Schuylkill,	L. V.,	8,720	202		8,922	19	44					
Springdale Washery, -----													
Total, -----			239,695	42,189	5,366	287,250		835	4	1	25	63,430	92,018
Grand total, -----			1,475,667	317,860	39,548	1,833,075		6,181	14	781	125	633,885	129,708

*Idle.

Coal prepared at Ellangowan Colliery.

Coal prepared at Saint Nicholas Colliery.

1 Disability 60 days or more.

TWENTY-SECOND DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
East Bear Ridge Colliery Co.	Schuylkill,	P. & R.,	154,360	7,200	3,835	165,395	165	450				67,850	
East Bear Ridge,	Schuylkill,	P. & R.,	55,881	20,487		76,368	147	301		1		36,647	5,400
Girardville Mining Co.													
Harleigh-Brookwood Coal Co.	Schuylkill,	{P. & R., } {Penna., }	217,151	16,850		234,001	169	762	1	3		125,225	11,342
Laurel Coal Mining Co.	Schuylkill,	P. & R.,	18,948	215		19,163	151	66				15,400	1,000
Lehigh Valley Coal Co.	Northumberland,	L. V.,	185,586	45,071	7,100	237,817	153	840	2	6		108,701	
Sayre,	Columbia,	L. V.,	162,182	24,230	3,987	190,399	120	803	1	4		174,125	
Continental Washery	Columbia,	L. V.,	347,768	69,301	11,147	428,216		1,643	3	10		342,826	
Total,			36,371	997	449	37,817	65	30					
Midvalley Coal Co.	Columbia,		384,139	70,298	11,596	466,033		1,673	3	10		342,826	
Midvalley,		L. V.,	111,131	30,487	5,500	147,118	158	433		2		74,125	14,650
P. & R. Coal & Iron Co.	Columbia,	P. & R.,	177,622	55,403	10,989	244,104	164	813		20		44,085	74,653
Potts,	Schuylkill,	P. & R.,	150,665	45,986	12,649	209,151	167	697		11		97,989	17,600
Bast,	Schuylkill,	P. & R.,	106,146	57,348	7,627	171,121	162	616		9		88,286	160
Gilberton,	Schuylkill,	P. & R.,	77,107	20,385		97,492	155	448	2	2		78,105	
Draper,	Schuylkill,	P. & R.,	73,537	5,258	10	78,805	99	217	1	2		5,550	
Bankroft,													
Total,			585,072	184,420	31,175	799,667		2,791	3	44		5,550	92,553

TWENTY-SECOND DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Reppier Coal Co.	Columbia.	P. & R.,	90,254	77		90,331	176	45					
Locust Run Washery,	Columbia,	P. & R.,	53,788	210	91	54,089	153	45					
Locust Dale Washery,			144,042	287	91	144,420		90					
Total,			1,670,724	330,244	52,197	2,053,165		6,506	7	601	5,550	992,521	124,745
Grand total,													

¹Disability 60 days or more.

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Colonial Colliery Co. Natalie, -----	Northumberland,	P. & R., -----	210,384	14,065	1,318	225,767	163	665	1	-----	-----	147,855	-----
Excelsior Coal Co. Corbin, -----	Northumberland,	P. & R., -----	114,500	5,000	500	120,000	151	278	1	-----	15,675	-----	26,825
Greenough Red Ash Coal Co. Greenough, -----	Northumberland,	Penna., -----	121,103	16,022	2,741	139,829	106	515	-----	-----	-----	89,126	47,230
P. & R. Coal & Iron Co. Alaska, -----	Northumberland,	P. & R., -----	204,739	32,335	182	237,256	164	807	1	15	-----	149,912	4,750
Locust Gap, -----	Northumberland,	P. & R., -----	266,169	85,438	2,371	353,978	100	1,180	3	13	-----	203,875	17,687
Reliance, -----	Northumberland,	P. & R., -----	136,103	35,866	84,469	206,741	155	630	1	5	-----	81,460	66,538
Total, -----	-----	-----	607,314	133,639	37,022	797,975	-----	2,667	5	33	-----	438,247	79,025
Shamokin Red Ash Coal Co. Evans Washery, -----	Northumberland,	Penna., -----	50,735	3,200	-----	53,935	139	51	-----	-----	-----	-----	-----
Susquehanna Collieries Co. Pennsylvania, -----	Northumberland,	Penna., -----	176,039	44,307	6,755	227,151	151	878	1	8	-----	27,670	128,925
Richards, -----	Northumberland,	Penna., -----	136,104	42,001	23	178,128	150	808	-----	4	-----	42,249	125,725
Scott, -----	Northumberland,	Penna., -----	171,908	45,135	5,579	222,622	139	734	2	5	-----	38,025	78,000
Hickory Ridge Washery	Northumberland,	Penna., -----	483,501	131,443	12,337	627,301	-----	2,410	3	17	-----	107,944	332,650
Total, -----	-----	-----	61,354	3,895	-----	65,259	153	42	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	544,835	135,338	12,337	692,500	-----	2,452	3	17	-----	107,944	332,650
-----	-----	-----	1,648,904	327,264	53,938	2,030,166	-----	6,628	10	50 ¹	15,675	782,672	485,800

¹Disability 60 days or more.

TWENTY-FOURTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Buck Ridge Coal Mining Co.	Northumberland,	Penna. P. & R.	69,046	30,000	3,480	102,526	157	376	1	1	40,850		
Buck Ridge, Enterprise Coal Co.	Northumberland,	P. & R.,	110,326	52,555	824	163,705	154	527	1	2	27,575	8,772	92,071
P. & R. Coal & Iron Co.	Northumberland,	P. & R.,	218,329	30,176	7,565	256,070	159	784	1	8		178,839	
North Franklin,	Northumberland,	P. & R.,	185,619	31,563	5,622	222,804	100	766	15	15		158,345	
Bear Valley,	Northumberland,	P. & R.,	185,619	31,563	5,622	222,804	100	766	9	9	18,400	100,344	
Burnside,	Northumberland,	P. & R.,	185,577	49,619	21,569	257,065	100	941	1	8	6,025	27,050	16,855
Stirling,	Northumberland,	P. & R.,	123,378	49,651	36,926	209,955	158	802	1	3		43,190	32,925
Henry Clay,	Northumberland,	P. & R.,	713,203	161,009	71,682	945,894		3,302	2	50	25,025	578,186	49,750
Big Mountain,	Northumberland,	P. & R.,	76,472	19,200	759	96,431	147	428	2	1		17,900	31,250
Total,	Northumberland,	Penna.,	700	350		1,050	82	37			250	175	100
Shipman Coal Co.	Northumberland,	Penna.,	131,582	15,913	3,919	151,414	150	650	2	10	75	29,270	55,759
Glenbrook,	Northumberland,	Penna.,	168,976	21,904	5,211	196,091	182	685	5	5	25	49,328	56,751
Superior Anthracite Coal Co.	Northumberland,	P. & R.,	300,558	37,817	9,130	347,505		1,335	2	15	100	78,598	111,501
Slope Mountain,	Northumberland,	P. & R.,	75,896	7,981	667	84,544	133	211	1			9,155	30,359
Susquehanna Collieries Co.	Northumberland,	P. & R.,	1,346,301	308,912	86,542	1,741,655		6,217	8	66 ¹	52,950	733,636	315,652
Cameron,	Northumberland,	P. & R.,											
Luke Fidler,	Northumberland,	P. & R.,											
Total,	Northumberland,	P. & R.,											
Trevorton Colliery Co.	Northumberland,	P. & R.,											
Katherine,	Northumberland,	P. & R.,											
Grand total,	Northumberland,	P. & R.,											

¹Disability 60 days or more.

TWENTY-FIFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Black powder	Dyna- mite	Per- missible	Explosives used—pounds
P. & R. Coal & Iron Co.	Schuylkill,	P. & R.,	156,924	70,021	5,303	232,558	154	998	1	6	900	91,243	7,975	
Lincoln,	Schuylkill,	P. & R.,	157,048	46,755	5,886	210,289	164	973		5		69,274		
Brookside,	Schuylkill,	P. & R.,	121,461	59,060	9,953	190,474	164	594	1	3		62,954	6,725	
Good Spring,	Schuylkill,	P. & R.,	97,814			97,814	164	369		1		101,525		
Valley View, #	Schuylkill,	P. & R.,	50,733	2,732	1,524	54,989	108	303				16,065		
Middle Creek,	Schuylkill,	P. & R.,	93,942			93,942	164	298	1			89,925		
Tower City, #	Schuylkill,	P. & R.,												
			678,532	178,568	22,666	879,766		3,475	3	15	900	430,986	14,700	
Washeries														
Rauch Creek,	Schuylkill,	P. & R.,	1,919		25	1,944	X	11				50		
Lincoln,	Schuylkill,	P. & R.,	54,534		392	54,836	96	81		1				
			56,453		827	56,780		92		1		50		
Total,			734,985	178,568	22,946	936,516		3,567	3	16	900	431,036	14,700	
Susquehanna Collieries Co.														
Williamstown,	Dauphin,	Penna.,	132,506	21,714	6,155	180,465	154	921	1	5		40,275	112,637	
Short Mountain,	Dauphin,	Penna.,	219,220	46,568	15,338	284,126	150	925		9				
			371,916	68,282	24,493	664,591		1,846	1	14		40,275	112,637	
Washeries														
Williamstown,	Dauphin,	Penna.,	22,522	15,372		38,094	175	15						
Bear Valley Banks,	Dauphin,	Penna.,	3,806	302		4,108	149	8						
Short Mountain,	Dauphin,	Penna.,	34,921	71,146		105,067	163	28						
			61,249	87,020		148,269		51						
			433,065	155,392	24,473	612,890		1,897	1	14		40,275	112,637	
Total,			1,108,650	333,870	47,486	1,549,406		5,464	4	30 ¹	900	471,311	127,637	
Grand total,														

* # Coal prepared at Brookside Colliery.

1 Disability 60 days or more.

x Washery did not operate; loaded stored coal.

* Coal prepared at Good Spring Colliery.

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*Died September 14, 1922.

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